Advanced Web 1

by Sam Phoenix

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Advanced Web Development

Advanced Web: Part 1

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Design Patterns

When trying to solve a problem using code, it is very likely that programmers have encountered the same problem before and have devised a way to solve it. When these solutions become adopted on a large scale, they become known as design patterns, and act as a template for coding an application. While not necessarily a good solutions for smaller applications (as many are complex), they can be good tools to use in building larger, more intricate applications when implemented well.

Two examples of design patterns are discussed below.

Singleton Design Pattern

The Singleton is so-called as it creates one, and only one, single instance of an object that is used globally throughout the application.

Although use of the Singleton Pattern is generally frowned upon (it creates a global instance, and can make testing more difficult)[1], it can be useful when creating web apps if done well. A good example of this is for handling database connection; rather than opening and closing multiple connections, which consumes memory and resources, a single instance is created that opens the connection, and can be called upon whenever needed. Using the Singleton in this way can improve performance of a database-driven application.

An example of the Singleton used in this way is shown below.

Code

```
<?php

// Reference: PDO CONNECTION CLASS IN PHP [OOP APPROACH WITH SINGLETON PATTERN]
// https://acomputerengineer.wordpress.com/2013/06/16/pdo-connection-class-in-php-
oop-approach-with-singleton-pattern/
class db
{
    // Attributes
    private static $_instance;

    // Data associated with this singleton
    public $dbc; // Database connection - public for use across app

    // Constructor
    private function __construct() {
        $this -> dbc = new PDO('mysql:host=localhost;dbname=testdb', " testdb",
"pass123", [PDO::ATTR_PERSISTENT => true]);
    }
    // Properties
    public static function GetInstance() {
        // Lazy load singleton
        if (empty(self::$_instance)) { // Have we created it?
            self::$_instance = new db();
        }
        return self::$_instance;
    }


}

// Using the class - testConnect.php
require_once 'db.inc.php';


$db = db::GetInstance();

$sql = "select * from test";    //named parameters
```

```php
$query = $db -> dbc -> prepare($sql);

$query -> execute();

$query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for integer key value]

$result = $query -> fetchAll();

foreach ($result as $record) {
    echo "Name: ".$record["testName"]." Working? ".$record["testWorking"]."<br/>";
}

?>
```

Shown working

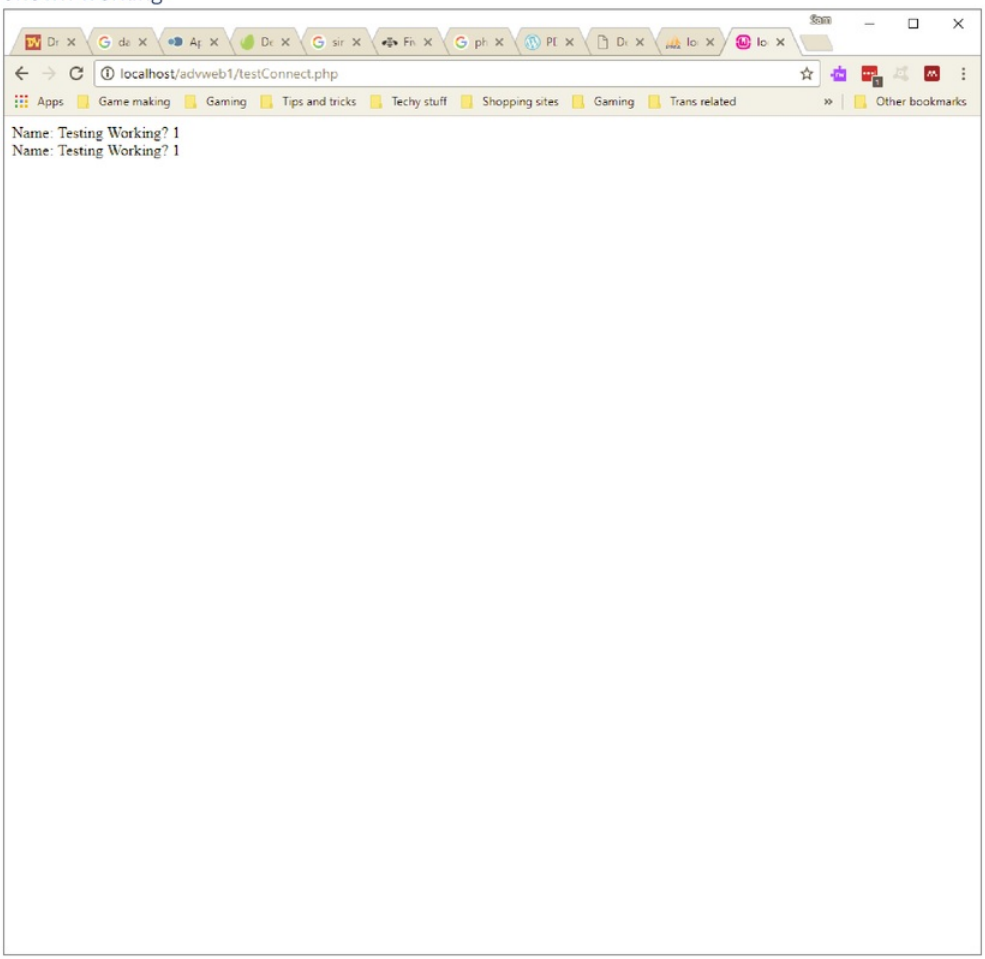


Figure 1: Using the Singleton class for connecting to database and retrieving information

Factory Design Pattern

The Factory pattern is used to create many different objects without needing to know how the object works. It is useful to prevent different classes relying too heavily on each other; the factory provides an interface for one class to use another, with the benefit of being easy to change or expand later without breaking the rest of the program.

The example below shows how it can be used to create users who register with the website.

Code

```php
<?php

// User class

namespace DesignPatterns\FactoryPattern;

require_once 'ObjectProperties.php';

use \Main\ObjectProperties;

class User extends ObjectProperties
{
    // Attributes
    private $_username;
    private $_email;
    private $_password;
    private $_role;

    // Constructor
    public function __construct($username = '', $email = '', $password = '', $role
= '') {
        $this->_username = $username;
        $this->_email = $email;
        $this->_password = $password;
        $this->_role = $role;
    }

    // Properties
    public function GetName() {
        return $this->_username;
    }

    public function GetEmail() {
        return $this->_email;
    }

    public function GetPWord() {
        return $this->_password;
    }

    public function GetRole() {
        return $this->_role;
    }

    public function SetName($value) {
        return $this->_username = $value;
    }

    public function SetEmail($value) {
        return $this->_email = $value;
    }

    public function SetPWord($value) {
        return $this->_password = $value;
    }
```

```
    public function SetRole($value) {
        return $this->_role = $value;
    }

    // Methods

}

// IUserFactory interface

namespace DesignPatterns\FactoryPattern;

interface IUserFactory
{
    public static function CreateUser($username, $email, $password, $role);
}

// UserFactory class

namespace DesignPatterns\FactoryPattern;

require_once 'IUserFactory.php';
require_once 'User.php';

class UserFactory implements IUserFactory
{
    // Attributes

    // Constructor

    // Properties

    // Methods


    public static function CreateUser($username, $email, $password, $role)
    {
        return new User($username, $email, $password, $role);
    }
}

// factoryTest.php - testing the factory

require_once 'User.php';
require_once 'IUserFactory.php';
require_once 'UserFactory.php';


use \DesignPatterns\FactoryPattern\UserFactory;

$user = UserFactory::CreateUser('joebloggs1', 'jbloggs@test.com', 'test123',
'User');
$user2 = UserFactory::CreateUser('fredbloggs1', 'fbloggs@test.com', 'test123',
'User');
$admin = UserFactory::CreateUser('admin1','admin@test.com', 'test456', 'Admin');

echo ('Name: '.$user->GetName().'; Email: '.$user->GetEmail().'; Password: '.$user-
>GetPWord().'; Role: '.$user->GetRole().'<br>');
echo ('Name: '.$user2->GetName().'; Email: '.$user2->GetEmail().'; Password:
'.$user2->GetPWord().'; Role: '.$user2->GetRole().'<br>');

echo ('Name: '.$admin->GetName().'; Email: '.$admin->GetEmail().'; Password:
'.$admin->GetPWord().'; Role: '.$admin->GetRole().'<br>');


?>
```

Shown working

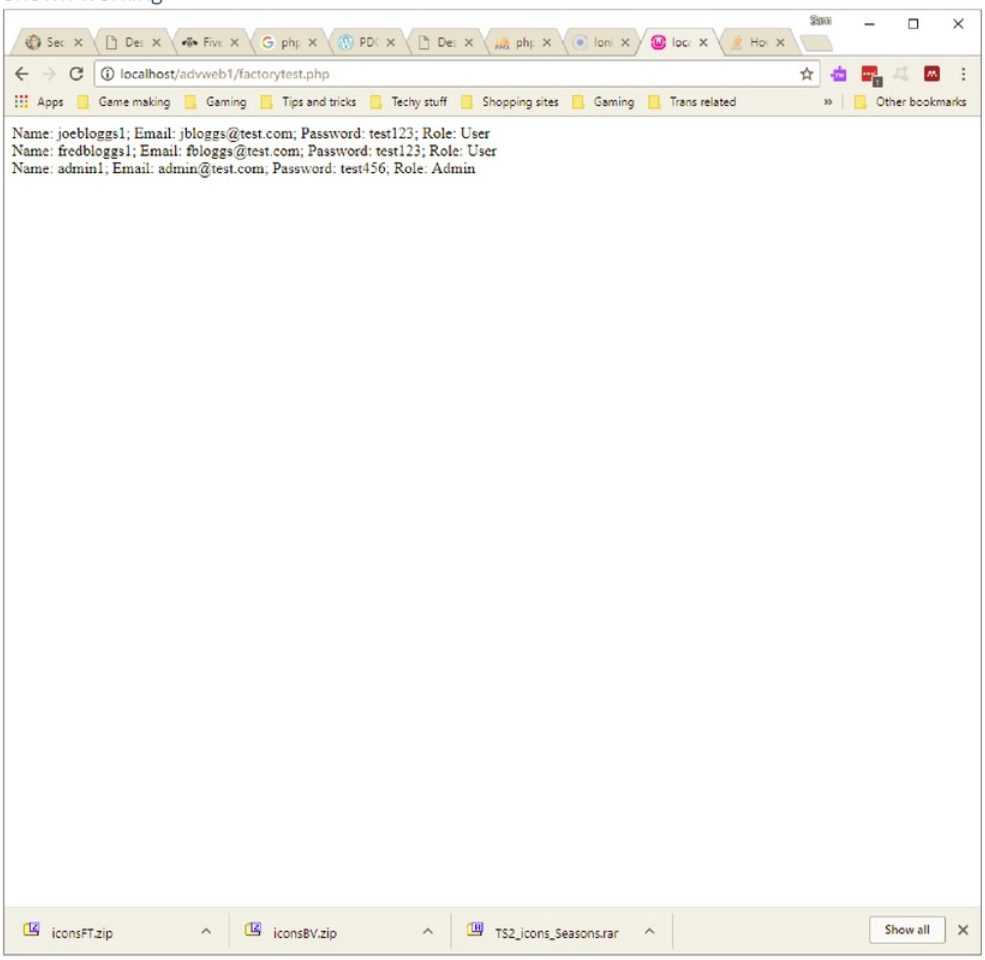


Figure 2: Showing users created using the Factory pattern

MVC Design Pattern

The aim of the MVC pattern is to break down an application into three manageable components:

- **Model:** This handles the data storage and processing of the application
- **View:** This displays the data to the user
- **Controller:** This acts as a bridge between the two; user input is passed from view to model, and vice versa for retrieving requested data

This process is illustrated by the diagram below.

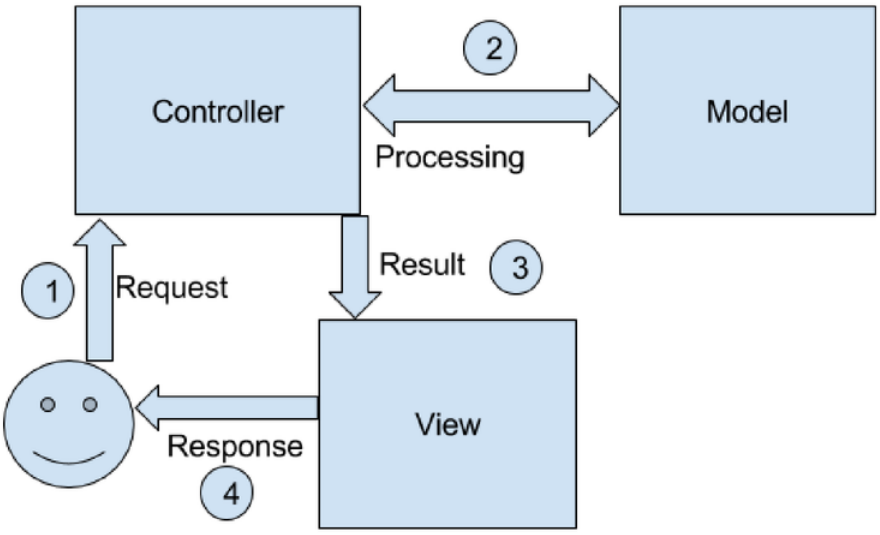


Figure 3: How the MVC pattern works[2]

The idea behind this pattern is to separate the application logic from the display of data, which can lead to modular apps that are easy to test and maintain.[3] It is designed to produce an app that is loosely coupled and reusable (one view can be used by many controllers).

The MVC pattern makes use of other design patterns to do this:

- The view and controller use the Strategy pattern
- The view and model are kept in sync by the Observer pattern

While this can be a good way to develop applications, there are some drawbacks[4]:

- It increases the complexity of the project, and is usually overkill for smaller apps
- It can be harder to debug because of how it interacts with the user interface
- Updating the model on a regular basis could cause problems in the view (for instance, if a developer decides to change a reference ID)

Implementation

The web application is related to the game Dragonvale and is my attempt to build an interactive breed tracker. Ideally it would return a list of available dragons based on time (some are time-sensitive), and level (player has to reach a certain level to unlock some of them), as well as allowing a player to add their park details and the dragons collected so far.

For now, it just reads back all dragons stored in the database. However, the search form works, they can be filtered depending on type and element, and the lists can be sorted by name of dragon, type or element (where applicable). Clicking the view button will display a page showing more details. The title is dynamic and reflects choices made by the user.

CRUD operations can be performed on users. A user can register, edit their details and delete their account.

Attempts were made to implement the Observer pattern – while it did make a couple of log entries during testing, it failed to retrieve email details. Further attempts to refine this were unsuccessful.

Code can be found in Appendix 1: Implementation of web app, and debugging evidence in Appendix 2: Evidence of testing.

Screenshots of web app

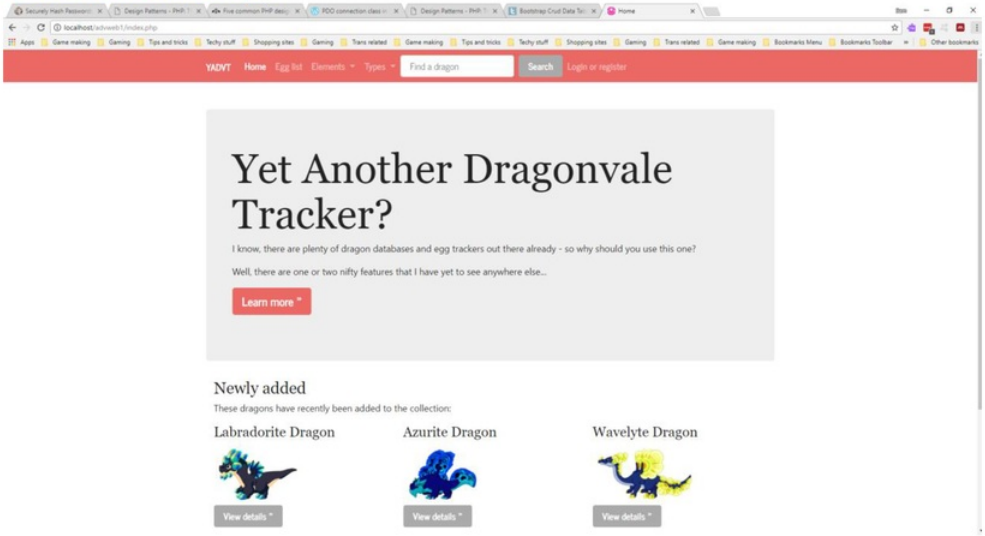


Figure 4: Home page. Dragons listed here are limited to 6, ordered by descending ID

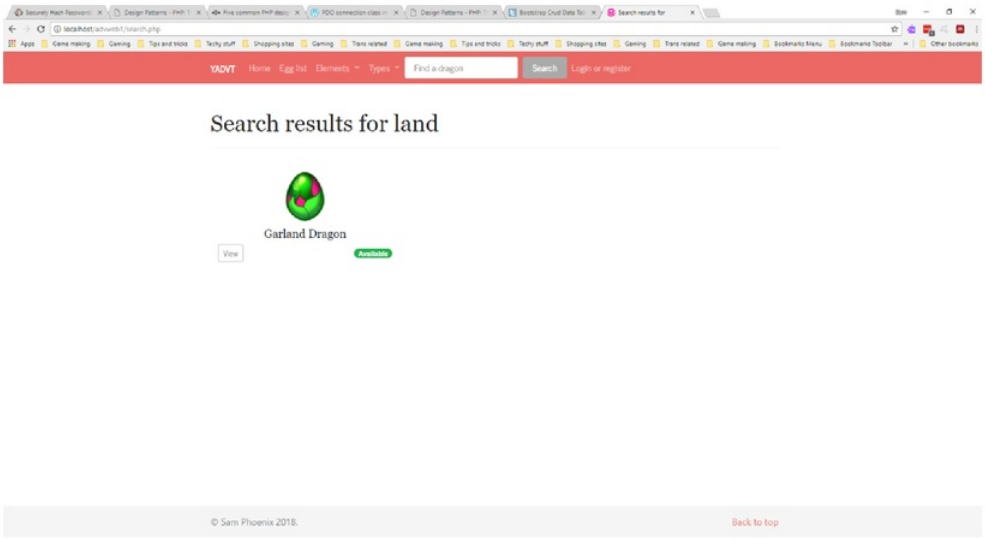


Figure 5: Working search form

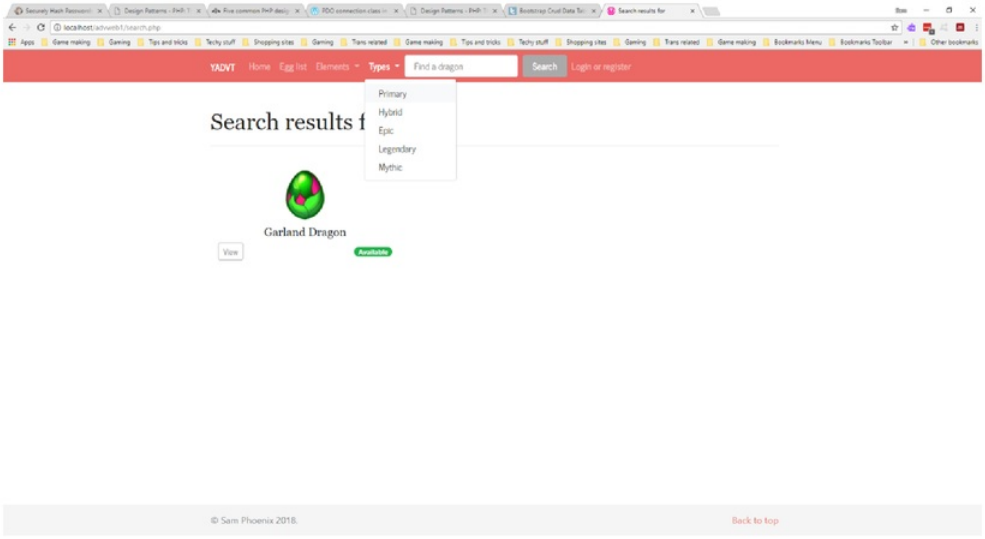


Figure 6: Types menu is pulled from database

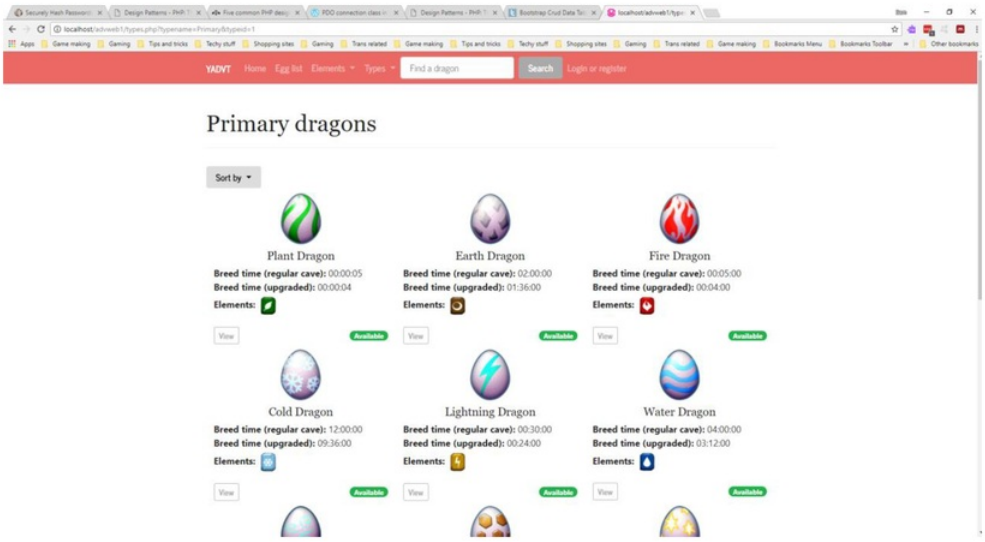


Figure 7: Filtering by dragon type

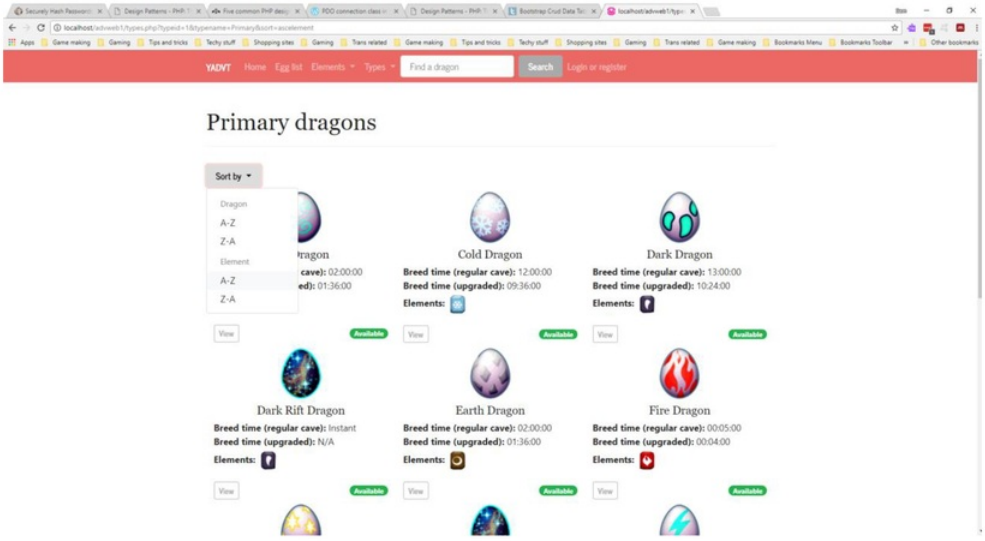


Figure 8: Sorting by element name

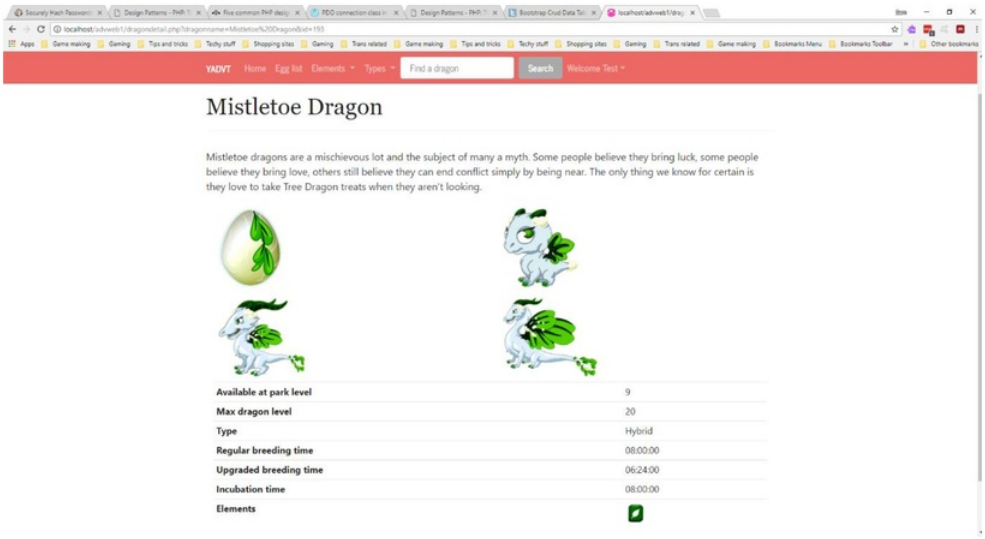


Figure 9: Clicking view button displays dragon details pulled from database

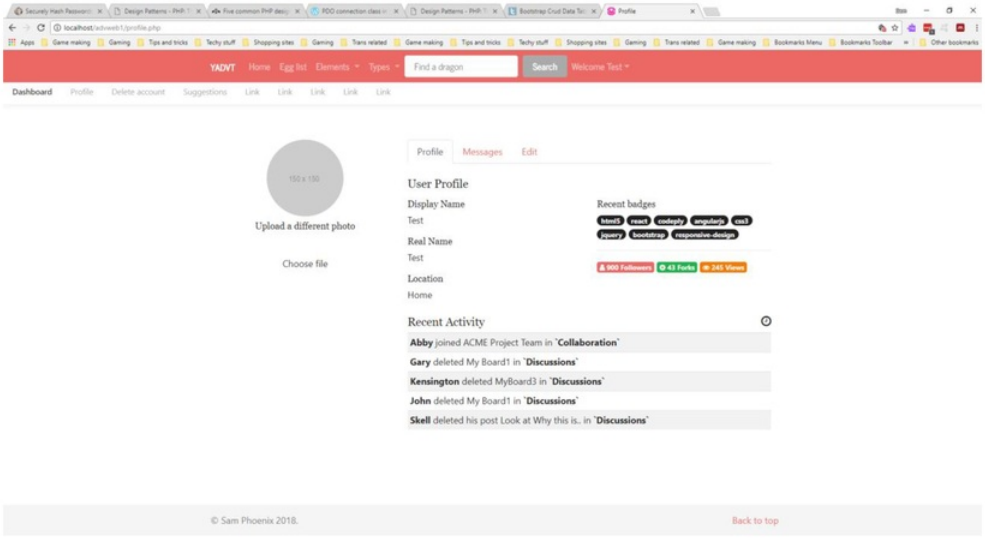


Figure 10: Semi-working profile page. What works here is displaying user details - recent activity etc. is arbitrary data from a Bootstrap profile snippet[5]

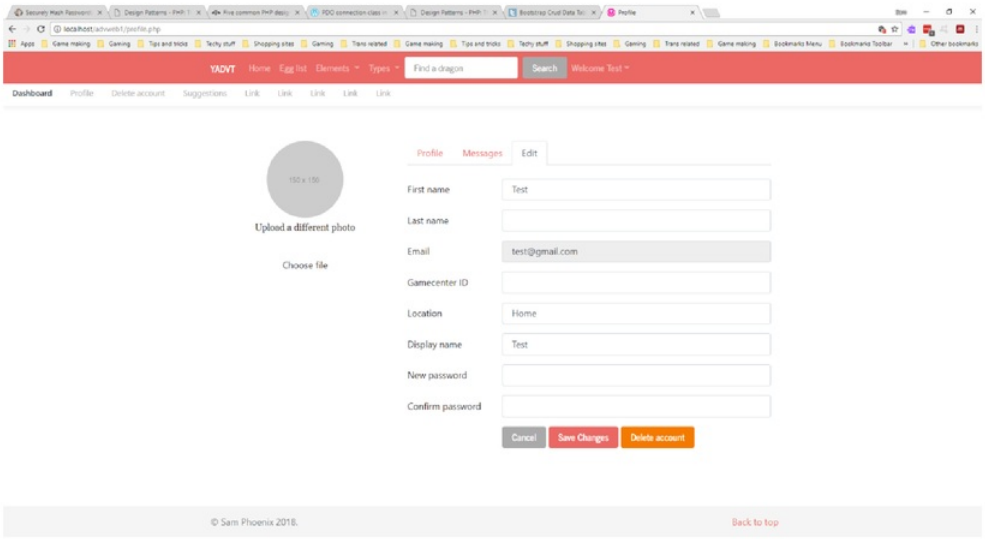


Figure 11: Functional profile edit form, with disabled email field that still displays user email

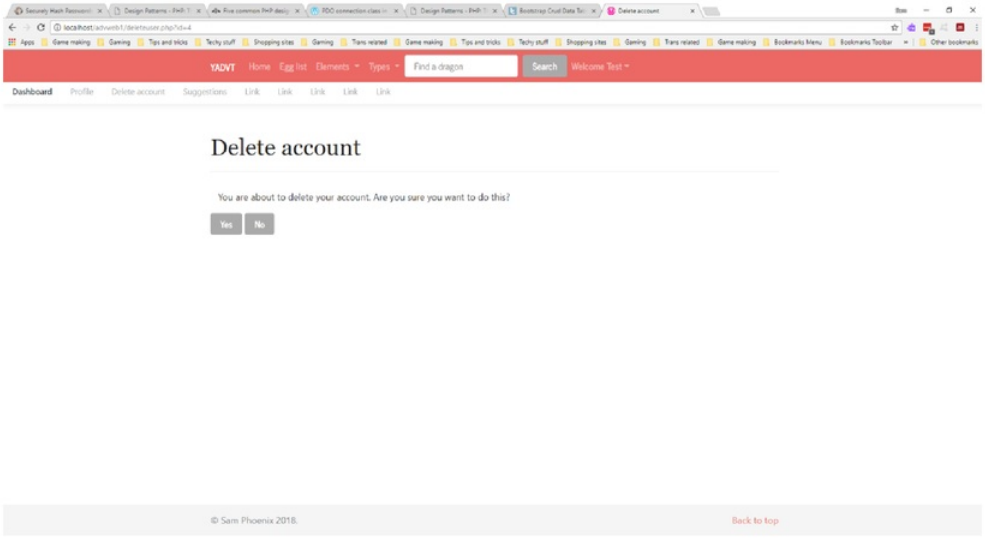


Figure 12: What happens when "Delete account" button is clicked

References

[1] 'PDO connection class in PHP [OOP approach with singleton pattern] – A Computer Engineer'. [Online]. Available: https://acomputerengineer.wordpress.com/2013/06/16/pdo-connection-class-in-php-oop-approach-with-singleton-pattern/. [Accessed: 11-Jan-2018].

[2] 'MVC Design Pattern - JournalDev'. [Online]. Available: https://www.journaldev.com/16974/mvc-design-pattern. [Accessed: 02-Feb-2018].

[3] J. Kanjilal, 'Exploring the MVC, MVP, and MVVM design patterns | InfoWorld', *InfoWorld*, 2015. [Online]. Available: https://www.infoworld.com/article/2926003/microsoft-net/exploring-the-mvc-mvp-and-mvvm-design-patterns.html. [Accessed: 02-Feb-2018].

[4] CareerRide, 'Explain the disadvantages of MVC pattern'. [Online]. Available: http://www.careerride.com/MVC-disadvantages.aspx. [Accessed: 02-Feb-2018].

[5] 'Bootstrap 4 User Profile Template'. [Online]. Available: https://www.codeply.com/go/V298LOj8OF. [Accessed: 02-Feb-2018].

[6] 'Bootstrap 4 Login Register Forms'. [Online]. Available: https://www.codeply.com/go/hz4HCGtpb0/bootstrap-4-login-register-forms. [Accessed: 02-Feb-2018].

Appendix 1: Implementation of web app

This is the code dump for the application, including the SQL generated by phpMyAdmin to show the database contents (which include test data and considerations for additional features discussed previously).

Database SQL code: advweb1.sql

```
-- phpMyAdmin SQL Dump
-- version 4.6.4
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Feb 02, 2018 at 02:03 AM
-- Server version: 5.7.14
-- PHP Version: 7.0.10

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `advweb1`
--

-- --------------------------------------------------------

--
-- Table structure for table `dragon`
--

CREATE TABLE `dragon` (
  `DragonID` int(11) NOT NULL,
  `DragonName` varchar(30) NOT NULL,
  `TypeID` int(11) NOT NULL,
  `UnlockLevel` int(11) DEFAULT NULL,
  `BreedTimeReg` time DEFAULT NULL,
  `BreedTimeUpgrade` time DEFAULT NULL,
  `EggImage` varchar(100) DEFAULT NULL,
  `BabyImage` varchar(100) DEFAULT NULL,
  `TeenImage` varchar(100) DEFAULT NULL,
  `AdultImage` varchar(100) DEFAULT NULL,
  `ElderImage` varchar(100) DEFAULT NULL,
  `Description` text,
  `Notes` text
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `dragon`
--

INSERT INTO `dragon` (`DragonID`, `DragonName`, `TypeID`,
`UnlockLevel`, `BreedTimeReg`, `BreedTimeUpgrade`, `EggImage`,
```

```
`BabyImage`, `TeenImage`, `AdultImage`, `ElderImage`, `Description`,
`Notes`) VALUES
(1, 'Plant Dragon', 1, 1, '00:00:05', '00:00:04',
'Primary\\Plant\\PlantDragonEgg.png',
'Primary\\Plant\\PlantDragonBaby.png',
'Primary\\Plant\\PlantDragonJuvenile.png',
'Primary\\Plant\\PlantDragonAdult.png',
'Primary\\Plant\\PlantDragonElder.png', 'People will love to come see
your plant dragons play in their beautiful green habitat. They are the
friendliest of all the dragon breeds and make great pets!', NULL),
(2, 'Earth Dragon', 1, 4, '02:00:00', '01:36:00',
'Primary\\Earth\\EarthDragonEgg.png',
'Primary\\Earth\\EarthDragonBaby.png',
'Primary\\Earth\\EarthDragonJuvenile.png',
'Primary\\Earth\\EarthDragonAdult.png',
'Primary\\Earth\\EarthDragonElder.png', 'Despite the harshness of their
habitat, the Earth Dragon is the least restless of all known breeds.
They are supremely well adapted for their desert homes with thick skin
and large bodies to store water. The spikes on their back offer
protection from predators, but honestly, what animal in its right mind
would think to take on one of these massive beasts?', NULL),
(3, 'Fire Dragon', 1, 2, '00:05:00', '00:04:00',
'Primary\\Fire\\FireDragonEgg.png',
'Primary\\Fire\\FireDragonBaby.png',
'Primary\\Fire\\FireDragonJuvenile.png',
'Primary\\Fire\\FireDragonAdult.png',
'Primary\\Fire\\FireDragonElder.png', 'When you think of dragons, the
fierce fire dragon is probably at the forefront of your thoughts. It is
true that these beasts get cranky when they are cold. All you have to
do is keep them warm and they become as harmless as the ground beneath
their feet! Never mind that their feet are typically found above active
volcanoes.', NULL),
(4, 'Cold Dragon', 1, 9, '12:00:00', '09:36:00',
'Primary\\Cold\\ColdDragonEgg.png',
'Primary\\Cold\\ColdDragonBaby.png',
'Primary\\Cold\\ColdDragonJuvenile.png',
'Primary\\Cold\\ColdDragonAdult.png',
'Primary\\Cold\\ColdDragonElder.png', 'The cold dragon is revered in
the northern countries where people will often worship them and offer
them food in exchange for protection. Some tribes refer to them as the
grandfathers of the North because of the signature fur that grows near
the front of their mouths. This is the most intelligent of all the
common dragon breeds known.', NULL),
(5, 'Lightning Dragon', 1, 12, '00:30:00', '00:24:00',
'Primary\\Lightning\\LightningDragonEgg.png',
'Primary\\Lightning\\LightningDragonBaby.png',
'Primary\\Lightning\\LightningDragonJuvenile.png',
'Primary\\Lightning\\LightningDragonAdult.png',
'Primary\\Lightning\\LightningDragonElder.png', 'The lightning dragon
lives amongst magic in the highest storm-ridden mountains of the world.
Naturally a solitary creature, the lightning dragon does not fight for
territory so much as stare down approachers until they back off and
wander away, embarrassed.', NULL),
(6, 'Water Dragon', 1, 14, '04:00:00', '03:12:00',
'Primary\\Water\\WaterDragonEgg.png',
'Primary\\Water\\WaterDragonBaby.png',
'Primary\\Water\\WaterDragonJuvenile.png',
'Primary\\Water\\WaterDragonAdult.png',
```

```
'Primary\\Water\\WaterDragonElder.png', 'The water dragon is native to
places where magic-imbued waters collect. It needs to have a very
specific combination of magic and minerals. They are the most playful
dragon ever seen, sure to cause a splash with your incoming visitors.',
NULL),
(7, 'Air Dragon', 1, 16, '02:00:00', '01:36:00',
'Primary\\Air\\AirDragonEgg.png', 'Primary\\Air\\AirDragonBaby.png',
'Primary\\Air\\AirDragonJuvenile.png',
'Primary\\Air\\AirDragonAdult.png', 'Primary\\Air\\AirDragonElder.png',
'Air dragons spend almost their entire lives in the air -- eating,
playing and even sleeping without ever touching the ground. It is rare
indeed that anyone ever gets to view this dragon up close. Wizards have
confirmed that this dragon is the result of breeding fire and water
dragons.', NULL),
(8, 'Metal Dragon', 1, 18, '08:00:00', '06:24:00',
'Primary\\Metal\\MetalDragonEgg.png',
'Primary\\Metal\\MetalDragonBaby.png',
'Primary\\Metal\\MetalDragonJuvenile.png',
'Primary\\Metal\\MetalDragonAdult.png',
'Primary\\Metal\\MetalDragonElder.png', 'For years explorers were
afraid to enter the Tull Caverns because of the loud noises that could
be heard coming from deep below. It\'s only thanks to the brave
Dickinson Osborne that we now know that these sounds come from the
metal dragon\'s unique behavior of "drumming" precious metals with
their heavy tails.', NULL),
(9, 'Light Dragon', 1, 21, '10:00:00', '08:00:00',
'Primary\\Light\\LightDragonEgg.png',
'Primary\\Light\\LightDragonBaby.png',
'Primary\\Light\\LightDragonJuvenile.png',
'Primary\\Light\\LightDragonAdult.png',
'Primary\\Light\\LightDragonElder.png', 'Having not been seen in Ages,
the ethereal Light Dragon makes a glorious return to the world of
DragonVale. Enthusiastic and bright, these otherworldly dragons are
sure to brighten up your park!', NULL),
(10, 'Dark Dragon', 1, 25, '13:00:00', '10:24:00',
'Primary\\Dark\\DarkDragonEgg.png',
'Primary\\Dark\\DarkDragonBaby.png',
'Primary\\Dark\\DarkDragonJuvenile.png',
'Primary\\Dark\\DarkDragonAdult.png',
'Primary\\Dark\\DarkDragonElder.png', 'Torn from our world long ago,
Dark Dragons have returned to herald true balance to magic. Due to
their lack of excellent eyesight they often get very close to...
everything. Their fierce loyalty and companionship have made them quick
favorites of many members of the wizarding community.', NULL),
(11, 'Kairos', 4, 16, NULL, NULL, NULL, NULL, NULL,
'Legendary\\KairosAdult.png', NULL, 'Ancient and wise, Kairos has a
unique magic that can bend space and time. Every few days, the magic of
the Chronolith and Time Claw combine, allowing Kairos to accelerate
time in your park. He will await you on his perch.', 'Kairos can only
be acquired by summoning it. This can be accomplished by assembling
three artifacts to upgrade the Perch of Kairos.'),
(12, 'Gaia', 4, 30, NULL, NULL, NULL, NULL, NULL,
'Legendary\\GaiaAdult.png', NULL, 'Some say Gaia existed before
anything else existed. She is often called The First Dragon, Sibling to
Kairos, Bringer of Beginnings, Mother of Magic. Whatever her true
origins, Gaia possesses a unique nurturing magic that allows her to
speed up the hatching process.', 'Gaia can only be acquired by
```

```
summoning or buying it. This can be accomplished by assembling three
artifacts to upgrade the Nursery.'),
(13, 'Bahamut', 5, 13, NULL, NULL, NULL, NULL, NULL,
'Mythic\\BahamutAdult.png', NULL, 'Bahamut the Benevolent. Great Wyrm
of Order. Justice Maker. He of the Mythic Wisdom. Bahamut comes to the
Vale with a trail of titles as impressive as his wingspan. "Many things
have been forgotten in our realm," said Elminster, "but Bahamut\'s
reputation as a truly great dragon is still fondly remembered."',
'Bahamut can only be acquired by summoning it. This can be accomplished
by assembling Bahamut\'s Mosaic. Bahamut\'s Mosaic is assembled by
collecting 10 fragments. These fragments can be acquired through
rolling the Mythic Die.'),
(14, 'Tiamat', 5, 13, NULL, NULL, NULL, NULL, NULL,
'Mythic\\TiamatAdult.png', NULL, 'Tiamat the Mythic. Queen of Chaos.
Chromatic Conqueror. She of the Pentacountenance. In her short time in
the Vale, Tiamat has earned herself quite the list of honorific titles.
"You wouldn\'t want to be on any one of her five bad sides," Elminster
cautioned the Gwyddion when introducing Tiamat. "The version of her in
my realm... ah, well, perhaps that\'s a tale best forgotten."\nDespite
her semi-frightening authority, Tiamat deigns to show respect to those
who have summoned her presence by collecting her Mythic Relics. Once
per day, you may implore Tiamat\'s power to level up one dragon with a
matching trait. If your roll of the Mythic Die is good enough, she will
bestow a level upon your dragon.', 'Tiamat can only be acquired by
summoning it. This can be accomplished by assembling The Masks of
Tiamat. The Masks of Tiamat are assembled by collecting 10 fragments.
These fragments can be acquired through rolling the Mythic Die. '),
(15, 'Poison Dragon', 2, 2, '00:30:00', '00:24:00',
'Hybrid\\Poison\\PoisonDragonEgg.png',
'Hybrid\\Poison\\PoisonDragonBaby.png',
'Hybrid\\Poison\\PoisonDragonJuvenile.png',
'Hybrid\\Poison\\PoisonDragonAdult.png', NULL, 'The poison dragon loves
people. Not for breakfast, it just thinks they\'re great company.
Unfortunately, people don\'t often react well to their deadly
neurotoxin. Best to watch it play with its own kind from a safe
distance.', NULL),
(16, 'Moss Dragon', 2, 4, '12:00:00', '09:36:00',
'Hybrid\\Moss\\MossDragonEgg.png', 'Hybrid\\Moss\\MossDragonBaby.png',
'Hybrid\\Moss\\MossDragonJuvenile.png',
'Hybrid\\Moss\\MossDragonAdult.png', NULL, 'The unusual two legged moss
dragon is truly one of nature\'s marvels. Capable of living in the
harsh extremes of the desert, it is also found wandering through
forested regions. This beast wanders the world blind and happy as an
adult.', NULL),
(17, 'Tree Dragon', 2, 4, '14:00:00', '11:12:00',
'Hybrid\\Tree\\TreeDragonEgg.png', 'Hybrid\\Tree\\TreeDragonBaby.png',
'Hybrid\\Tree\\TreeDragonJuvenile.png',
'Hybrid\\Tree\\TreeDragonAdult.png', NULL, 'Few people are comfortable
watching a tree flying in the sky, which is perhaps why this hybrid is
misunderstood as ancient and unknowable. The older ones have been known
to offer a helping hand to those lost in a forest, or a friendly
conversation to those wandering alone.', NULL),
(18, 'Flower Dragon', 2, 2, '01:00:00', '00:48:00',
'Hybrid\\Flower\\FlowerDragonEgg.png',
'Hybrid\\Flower\\FlowerDragonBaby.png',
'Hybrid\\Flower\\FlowerDragonJuvenile.png',
'Hybrid\\Flower\\FlowerDragonAdult.png', NULL, 'The bright flower
dragon is a favorite among dragon hobbyists. Though they sometimes get
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carried away, they aren\'t really dangerous. Just remember that they
only bite because they think it\'s playing. It\'s important to train
them not to bite before they get too big.', NULL),
(19, 'Lava Dragon', 2, 4, '10:00:00', '08:00:00',
'Hybrid\\Lava\\LavaDragonEgg.png', 'Hybrid\\Lava\\LavaDragonBaby.png',
'Hybrid\\Lava\\LavaDragonJuvenile.png',
'Hybrid\\Lava\\LavaDragonAdult.png', NULL, 'The lava dragon was the
first to undeniably establish that some dragons use magic to fly. While
its wings are more than enough to bring it aloft as a juvenile, they
remain the same size throughout its life. This creates a somewhat
awkward looking adult appearance that it probably wouldn\'t enjoy you
pointing out.', NULL),
(20, 'Swamp Dragon', 2, 14, '09:00:00', '07:12:00',
'Hybrid\\Swamp\\SwampDragonEgg.png',
'Hybrid\\Swamp\\SwampDragonBaby.png',
'Hybrid\\Swamp\\SwampDragonJuvenile.png',
'Hybrid\\Swamp\\SwampDragonAdult.png', NULL, 'The swamp dragon is the
master of its domain, though not at all territorial. A truly strange
breed, but one that teaches you something new every time you study
it.', NULL),
(21, 'Willow Dragon', 2, 16, '08:00:00', '06:24:00',
'Hybrid\\Willow\\WillowDragonEgg.png',
'Hybrid\\Willow\\WillowDragonBaby.png',
'Hybrid\\Willow\\WillowDragonJuvenile.png',
'Hybrid\\Willow\\WillowDragonAdult.png', NULL, 'Don\'t let the sullen
look fool you, the willow dragon is probably just pining over the
beauty of its environment. Those who spend any amount of time with it
invariably feel an increased sense of calm.', NULL),
(22, 'Mountain Dragon', 2, 9, '14:00:00', '11:12:00',
'Hybrid\\Mountain\\MountainDragonEgg.png',
'Hybrid\\Mountain\\MountainDragonBaby.png',
'Hybrid\\Mountain\\MountainDragonJuvenile.png',
'Hybrid\\Mountain\\MountainDragonAdult.png', NULL, 'The mountain dragon
is a solitary beast, found wandering the frozen highlands to the north.
Its long horns and shielded back protect it from, well, everything.
Since nothing threatens it, it is one of the calmest dragons around.',
NULL),
(23, 'Quake Dragon', 2, 12, '06:00:00', '04:48:00',
'Hybrid\\Quake\\QuakeDragonEgg.png',
'Hybrid\\Quake\\QuakeDragonBaby.png',
'Hybrid\\Quake\\QuakeDragonJuvenile.png',
'Hybrid\\Quake\\QuakeDragonAdult.png', NULL, 'The regal quake dragon
commands respect everywhere it goes. Though its sharp horns and
thunderous footsteps instill fear in most everyone nearby, it is one of
the most gentle dragons known. Their true intelligence is unknown, but
many experts suspect that they could hold their own even against some
of the smartest people alive.', NULL),
(24, 'Scorch Dragon', 2, 12, '03:00:00', '02:24:00',
'Hybrid\\Scorch\\ScorchDragonEgg.png',
'Hybrid\\Scorch\\ScorchDragonBaby.png',
'Hybrid\\Scorch\\ScorchDragonJuvenile.png',
'Hybrid\\Scorch\\ScorchDragonAdult.png', NULL, 'Believed to be the
ancient ancestor of the more common fire dragon, scorch dragons tend to
play in thunderstorms, tornadoes, wildfires or any other extremely
dangerous places. Through much hard work (and some pretty impressive
healing magic) we learned enough about these ancient beasts to keep
them - and your visitors - safe and happy in your park.', NULL),
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(25, 'Storm Dragon', 2, 12, '05:00:00', '04:00:00',
'Hybrid\\Storm\\StormDragonEgg.png',
'Hybrid\\Storm\\StormDragonBaby.png',
'Hybrid\\Storm\\StormDragonJuvenile.png',
'Hybrid\\Storm\\StormDragonAdult.png', NULL, 'Native to mountain
regions, the storm dragon loves to come out during snowy thunderstorms
at high altitudes. It is a common dragon but few people know they\'ve
seen one because storm dragons look like lightning shooting across the
sky and their roar sounds like rolling thunder.', NULL),
(26, 'Crystal Dragon', 2, 12, '24:00:00', '19:12:00',
'Hybrid\\Crystal\\CrystalDragonEgg.png',
'Hybrid\\Crystal\\CrystalDragonBaby.png',
'Hybrid\\Crystal\\CrystalDragonJuvenile.png',
'Hybrid\\Crystal\\CrystalDragonAdult.png', NULL, 'The crystal dragon
hoards shiny things. So as long as you don\'t look too greedy around
it, this dragon will be quite content to let you hang around.', NULL),
(27, 'Mud Dragon', 2, 14, '06:00:00', '04:48:00',
'Hybrid\\Mud\\MudDragonEgg.png', 'Hybrid\\Mud\\MudDragonBaby.png',
'Hybrid\\Mud\\MudDragonJuvenile.png',
'Hybrid\\Mud\\MudDragonAdult.png', NULL, 'Mud dragons love to eat.
Second only to eating, mud dragons love to play around in muck. They
are so often covered in mud that you rarely ever see their natural skin
color. Of course, you wouldn\'t be able to tell if you were seeing
their natural skin color or not, since it looks an awful lot like
mud.', NULL),
(28, 'Sandstorm Dragon', 2, 16, '02:00:00', '01:36:00',
'Hybrid\\Sandstorm\\SandstormDragonEgg.png',
'Hybrid\\Sandstorm\\SandstormDragonBaby.png',
'Hybrid\\Sandstorm\\SandstormDragonJuvenile.png',
'Hybrid\\Sandstorm\\SandstormDragonAdult.png', NULL, 'Throughout the
ages, enthusiasts have risked the harshest deserts in search of the
sandstorm dragon to hear the percussive beat and the syncopated rhythms
of its wings. Some minstrels have tried to recreate the sound in a new
form of music they lovingly call "tectonica." The prospect of hearing
the real thing, without braving a dangerous sandstorm, is bound to
attract many visitors.', NULL),
(29, 'Blue Fire Dragon', 2, 9, '12:00:00', '09:36:00',
'Hybrid\\BlueFire\\BlueFireDragonEgg.png',
'Hybrid\\BlueFire\\BlueFireDragonBaby.png',
'Hybrid\\BlueFire\\BlueFireDragonJuvenile.png',
'Hybrid\\BlueFire\\BlueFireDragonAdult.png', NULL, 'We\'re not exactly
sure where the blue fire dragon comes from. We didn\'t think it was
possible. We\'re also not sure if their fire is cold or hot since no
one has been brave enough to test it.', NULL),
(30, 'Firefly Dragon', 2, 12, '03:00:00', '02:24:00',
'Hybrid\\Firefly\\FireflyDragonEgg.png',
'Hybrid\\Firefly\\FireflyDragonBaby.png',
'Hybrid\\Firefly\\FireflyDragonJuvenile.png',
'Hybrid\\Firefly\\FireflyDragonAdult.png', NULL, 'The magical glow from
their tails can be seen in the skies for miles around. They look like
stars at night. Their insect-like shape tends to scare people away, but
I think they\'re kind of cute!', NULL),
(31, 'Blazing Dragon', 2, 16, '08:00:00', '06:24:00',
'Hybrid\\Blazing\\BlazingDragonEgg.png',
'Hybrid\\Blazing\\BlazingDragonBaby.png',
'Hybrid\\Blazing\\BlazingDragonJuvenile.png',
'Hybrid\\Blazing\\BlazingDragonAdult.png', NULL, 'The blazing dragon is
a master of flight and is remarkably fast. Many attempts have been made
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to craft a magical blazing saddle, but thus far nothing could withstand
the fire for long.', NULL),
(32, 'Ice Dragon', 2, 14, '08:00:00', '06:24:00',
'Hybrid\\Ice\\IceDragonEgg.png', 'Hybrid\\Ice\\IceDragonBaby.png',
'Hybrid\\Ice\\IceDragonJuvenile.png',
'Hybrid\\Ice\\IceDragonAdult.png', NULL, 'This is one cold-blooded
creature. Literally. The ice dragon is so cold that water condenses and
freezes on its wings and webbed ears so that it looks like it is almost
made of ice.', NULL),
(33, 'Snow Dragon', 2, 16, '08:00:00', '06:24:00',
'Hybrid\\Snow\\SnowDragonEgg.png', 'Hybrid\\Snow\\SnowDragonBaby.png',
'Hybrid\\Snow\\SnowDragonJuvenile.png',
'Hybrid\\Snow\\SnowDragonAdult.png', NULL, 'Some enthusiasts will
mistake the rare snow dragon for a more common cold dragon. You can
tell by the curly horns and the sleek frame that this dragon was made
for flight more than land. Snow dragons almost never land, preferring
to journey slowly through the northern skies, observing from a
distance.', NULL),
(34, 'Sonic Dragon', 2, 16, '08:00:00', '06:24:00',
'Hybrid\\Sonic\\SonicDragonEgg.png',
'Hybrid\\Sonic\\SonicDragonBaby.png',
'Hybrid\\Sonic\\SonicDragonJuvenile.png',
'Hybrid\\Sonic\\SonicDragonAdult.png', NULL, 'The sonic dragon usually
makes almost no sound as it flies, but can sometimes be found harassing
travelers by breaking the sound barrier close overhead. Though it
resembles a bat, and does in fact communicate similarly, the yellow
glow from its body makes this dragon entirely too obvious at night.',
NULL),
(35, 'Fog Dragon', 2, 16, '08:00:00', '06:24:00',
'Hybrid\\Fog\\FogDragonEgg.png', 'Hybrid\\Fog\\FogDragonBaby.png',
'Hybrid\\Fog\\FogDragonJuvenile.png',
'Hybrid\\Fog\\FogDragonAdult.png', NULL, 'Very little has ever been
recorded about this gentle beast. Something about being in the presence
of a fog dragon is so relaxing that any person who set out to observe
them up-close wound up forgetting to write anything down. Our oldest
records recount one person\'s memory of his encounter as \'a little
hazy\'.', NULL),
(36, 'Seaweed Dragon', 2, 14, '05:00:00', '04:00:00',
'Hybrid\\Seaweed\\SeaweedDragonEgg.png',
'Hybrid\\Seaweed\\SeaweedDragonBaby.png',
'Hybrid\\Seaweed\\SeaweedDragonJuvenile.png',
'Hybrid\\Seaweed\\SeaweedDragonAdult.png', NULL, 'The seaweed dragon is
very concerned with its appearance. This dragon is not only social but
it craves attention from anyone. For some reason, the only creature it
doesn\'t get along with is the occasional other seaweed dragon.',
NULL),
(37, 'Frostfire Dragon', 2, 9, '12:00:00', '09:36:00',
'Hybrid\\Frostfire\\FrostfireDragonEgg.png',
'Hybrid\\Frostfire\\FrostfireDragonBaby.png',
'Hybrid\\Frostfire\\FrostfireDragonJuvenile.png',
'Hybrid\\Frostfire\\FrostfireDragonAdult.png', NULL, 'While researching
his forthcoming work, The Origins of Dragons, Professor Dravin happened
upon the uncharted Palagos Islands and returned with a hatchling that
astonished the wizards--the worlds first frostfire dragon.', NULL),
(38, 'Cactus Dragon', 2, 12, '00:30:00', '00:24:00',
'Hybrid\\Cactus\\CactusDragonEgg.png',
'Hybrid\\Cactus\\CactusDragonBaby.png',
'Hybrid\\Cactus\\CactusDragonJuvenile.png',
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'Hybrid\\Cactus\\CactusDragonAdult.png', NULL, 'Despite its rather
prickly appearance the cactus dragon is one of the gentlest of all the
dragons. It loves to pounce and play with people. Kind of like a great
big cat. With sharp spikes instead of fur. Maybe it\'s best if your
guests keep a safe distance from it.', NULL),
(39, 'Iceberg Dragon', 2, 14, '08:00:00', '06:24:00',
'Hybrid\\Iceberg\\IcebergDragonEgg.png',
'Hybrid\\Iceberg\\IcebergDragonBaby.png',
'Hybrid\\Iceberg\\IcebergDragonJuvenile.png',
'Hybrid\\Iceberg\\IcebergDragonAdult.png', NULL, 'A deft swimmer and an
excellent dancer, this recently discovered rare cousin of the ice
dragon has a horn made entirely of pure ice.', NULL),
(40, 'Lichen Dragon', 2, 9, '06:00:00', '04:48:00',
'Hybrid\\Lichen\\LichenDragonEgg.png',
'Hybrid\\Lichen\\LichenDragonBaby.png',
'Hybrid\\Lichen\\LichenDragonJuvenile.png',
'Hybrid\\Lichen\\LichenDragonAdult.png', NULL, 'Lichen dragons can be
found on the highest mountain peaks and furthest polar reaches
throughout the world. Our wizards say that the unique substance growing
on them is some sort of strange plant that feeds the dragons using
sunlight. Or something. I didn\'t really understand it myself. Oh and
be sure not to confuse lichen dragons with any other kind of
supernatural beings, they\'ve been known to take offense to that.',
NULL),
(41, 'Iron Dragon', 2, 18, '04:00:00', '03:12:00',
'Hybrid\\Iron\\IronDragonEgg.png', 'Hybrid\\Iron\\IronDragonBaby.png',
'Hybrid\\Iron\\IronDragonJuvenile.png',
'Hybrid\\Iron\\IronDragonAdult.png', NULL, 'First discovered during the
great wizard Dalfgan\'s maiden attempt to summon an unknown beast from
ancient times, the iron dragon is a close cousin of the more common
metal dragon. The large metal block at the end of its tail is
intimidating to some, but we\'ve been assured that it just uses it for
communication. Hopefully they don\'t try to communicate with any of the
visitors!', NULL),
(42, 'Brass Dragon', 2, 18, '05:00:00', '04:00:00',
'Hybrid\\Brass\\BrassDragonEgg.png',
'Hybrid\\Brass\\BrassDragonBaby.png',
'Hybrid\\Brass\\BrassDragonJuvenile.png',
'Hybrid\\Brass\\BrassDragonAdult.png', NULL, 'For a long time it was
thought that dragons with multiple heads were nothing more than a myth.
Thanks to the discovery of the brass dragon, we now know that they
aren\'t a myth at all! Brass dragons are extremely social, especially
with themselves.', NULL),
(43, 'Mine Dragon', 2, 18, '10:00:00', '08:00:00',
'Hybrid\\Mine\\MineDragonEgg.png', 'Hybrid\\Mine\\MineDragonBaby.png',
'Hybrid\\Mine\\MineDragonJuvenile.png',
'Hybrid\\Mine\\MineDragonAdult.png', NULL, 'One of the oldest known
dragon types, the mine dragon spends much of its time deep underground
in the cold Dramoria Mines. Because they are often seen running into
walls while moving about, it was once thought that they felt their way
around using their beards. We now know that they just have really poor
eyesight.', NULL),
(44, 'Magnetic Dragon', 2, 18, '04:00:00', '03:12:00',
'Hybrid\\Magnetic\\MagneticDragonEgg.png',
'Hybrid\\Magnetic\\MagneticDragonBaby.png',
'Hybrid\\Magnetic\\MagneticDragonJuvenile.png',
'Hybrid\\Magnetic\\MagneticDragonAdult.png', NULL, 'When the magnetic
dragon was discovered it was completely by accident. A young adventurer
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wearing plate mail was riding their horse near the Pliny Foothills when
they were suddenly yanked off and sent flying towards the dragon!
Luckily, neither the adventurer nor the dragon were harmed, and we\'ve
been able to find a way to lessen the magnetic dragon\'s powerful
effect on metal objects. But don\'t worry, it\'s sure to still attract
visitors!', NULL),
(45, 'Chrome Dragon', 2, 18, '05:00:00', '04:00:00',
'Hybrid\\Chrome\\ChromeDragonEgg.png',
'Hybrid\\Chrome\\ChromeDragonBaby.png',
'Hybrid\\Chrome\\ChromeDragonJuvenile.png',
'Hybrid\\Chrome\\ChromeDragonAdult.png', NULL, 'The chrome dragon is a
vain dragon and has often been caught looking at its own reflection off
of its shiny scales. Even though this dragon is extremely docile, it\'s
probably best to approach it with caution. The sun\'s bright reflection
has been known to start the occasional fire.', NULL),
(46, 'Rust Dragon', 2, 18, '06:00:00', '04:48:00',
'Hybrid\\Rust\\RustDragonEgg.png', 'Hybrid\\Rust\\RustDragonBaby.png',
'Hybrid\\Rust\\RustDragonJuvenile.png',
'Hybrid\\Rust\\RustDragonAdult.png', NULL, 'Most people mistake rust
dragons for land lovers and think that water is harmful to their
metallic scales. While they do feel at home on land, rust dragons are
the best swimmers of all of the known dragons! Our wizards still
haven\'t been able to figure out how it is they manage to stay afloat
though.', NULL),
(47, 'Steel Dragon', 2, 18, '14:00:00', '11:12:00',
'Hybrid\\Steel\\SteelDragonEgg.png',
'Hybrid\\Steel\\SteelDragonBaby.png',
'Hybrid\\Steel\\SteelDragonJuvenile.png',
'Hybrid\\Steel\\SteelDragonAdult.png', NULL, 'The steel dragon likes to
parade back and forth showing off its fearsome horns. As other dragons
pass, the steel dragon will turn over its right shoulder to flash a
cold, steely gaze, stopping them in their tracks. It is a matter of
curiosity that no steel dragon has ever been observed to turn left
before flashing its gaze.', NULL),
(48, 'Dodo Dragon', 2, 16, '16:00:00', '12:48:00',
'Hybrid\\Dodo\\DodoDragonEgg.png', 'Hybrid\\Dodo\\DodoDragonBaby.png',
'Hybrid\\Dodo\\DodoDragonJuvenile.png',
'Hybrid\\Dodo\\DodoDragonAdult.png', NULL, 'Cave drawings of the dodo
dragon were first discovered on Mooretoss Island long ago by the great
explorer Lewis Dodoson. They depict an ancient, flightless, and rather
clumsy dragon. For centuries it was thought to be extinct, but we now
know that while the dodo dragon may be rare, it is certainly not
extinct! I wonder what other dragons have yet to be discovered!',
NULL),
(49, 'Plasma Dragon', 2, 14, '16:00:00', '12:48:00',
'Hybrid\\Plasma\\PlasmaDragonEgg.png',
'Hybrid\\Plasma\\PlasmaDragonBaby.png',
'Hybrid\\Plasma\\PlasmaDragonJuvenile.png',
'Hybrid\\Plasma\\PlasmaDragonAdult.png', NULL, 'The story of the plasma
dragon is a strange one. Years ago the brilliant wizard Franklin Dogood
was caught in a terrible storm when a bolt of lightning struck a nearby
pond, instantly evaporating it. Ever the scholar, Franklin went to
investigate and discovered something incredible -- a baby dragon where
the pond once stood!', NULL),
(50, 'Current Dragon', 2, 14, '16:00:00', '12:48:00',
'Hybrid\\Current\\CurrentDragonEgg.png',
'Hybrid\\Current\\CurrentDragonBaby.png',
'Hybrid\\Current\\CurrentDragonJuvenile.png',
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'Hybrid\\Current\\CurrentDragonAdult.png', NULL, 'Though current
dragons are mostly known for making people\'s hair stand on end, it has
been said that when no one\'s looking these rare dragons put on flashy,
electrical displays for each other. Maybe if your guests hide they\'ll
be able to see the show!', NULL),
(51, 'Copper Dragon', 2, 18, '20:00:00', '16:00:00',
'Hybrid\\Copper\\CopperDragonEgg.png',
'Hybrid\\Copper\\CopperDragonBaby.png',
'Hybrid\\Copper\\CopperDragonJuvenile.png',
'Hybrid\\Copper\\CopperDragonAdult.png', NULL, 'Our wizards tell us
that other than their ornate horns, copper dragons are a solid color
before hatching. It is only through an odd natural process that they
obtain the green hue that is seen on their wings and belly. They are
thought to shed the rest of their scales periodically, which keeps them
looking as good as new! It\'s strange that no one ever sees them laying
around, where do they all go?!', NULL),
(52, 'Forge Dragon', 2, 18, '24:00:00', '19:12:00',
'Hybrid\\Forge\\ForgeDragonEgg.png',
'Hybrid\\Forge\\ForgeDragonBaby.png',
'Hybrid\\Forge\\ForgeDragonJuvenile.png',
'Hybrid\\Forge\\ForgeDragonAdult.png', NULL, 'The forge dragon\'s
molten glow is not just for the show; an intense heat radiates from
them. Forge dragons have been known to become so hot that they melt
their footprints into solid metal, which makes tracking them extremely
easy. Unfortunately, their tracks usually lead to the heart of large
volcanoes which makes following them... less than desirable.', NULL),
(53, 'Quicksilver Dragon', 2, 18, '18:00:00', '14:24:00',
'Hybrid\\Quicksilver\\QuicksilverDragonEgg.png',
'Hybrid\\Quicksilver\\QuicksilverDragonBaby.png',
'Hybrid\\Quicksilver\\QuicksilverDragonJuvenile.png',
'Hybrid\\Quicksilver\\QuicksilverDragonAdult.png', NULL, 'The
quicksilver dragon has a mercurial personality, often going from
playful to pugnacious for no apparent reason. Despite their great bulk,
they are deft swimmers -- although most of the time they float at the
surface waiting for their next meal to swim by. While tending a Water
Habitat, a \'log\' turned out to be a hungry Quicksilver Hatchling and
a young wizard inadvertently invented a "Run on Water" spell.', NULL),
(54, 'Evergreen Dragon', 2, 9, '10:00:00', '08:00:00',
'Hybrid\\Evergreen\\EvergreenDragonEgg.png',
'Hybrid\\Evergreen\\EvergreenDragonBaby.png',
'Hybrid\\Evergreen\\EvergreenDragonJuvenile.png',
'Hybrid\\Evergreen\\EvergreenDragonAdult.png', NULL, 'First found in
the forests of Farn, the evergreen dragon is one of the few dragons
known to roam in large groups. Coming across them in the wild may be a
sight to behold, but beware; evergreen dragons are particularly prickly
and properly protective of their progeny.', NULL),
(55, 'Pollen Dragon', 2, 16, '07:00:00', '05:36:00',
'Hybrid\\Pollen\\PollenDragonEgg.png',
'Hybrid\\Pollen\\PollenDragonBaby.png',
'Hybrid\\Pollen\\PollenDragonJuvenile.png',
'Hybrid\\Pollen\\PollenDragonAdult.png', NULL, 'Pollen dragons may be
adorable, but rest assured these dragons can be quite the nuisance.
They release a fine powder-like substance that is known to attract
other dragons. Unfortunately, many people report being allergic to it.
Guests that experience any symptoms should report directly to the
Wizard Clinic. We\'ve been assured that side effects of treatment only
include being turned into the occasional frog.', NULL),
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(56, 'Malachite Dragon', 2, 18, '12:00:00', '09:36:00',
'Hybrid\\Malachite\\MalachiteDragonEgg.png',
'Hybrid\\Malachite\\MalachiteDragonBaby.png',
'Hybrid\\Malachite\\MalachiteDragonJuvenile.png',
'Hybrid\\Malachite\\MalachiteDragonAdult.png', NULL, 'Centuries ago
Professor Bixby was traveling to the Scar of the World for research
when he discovered something that he never thought possible -- a
malachite dragon! It didn\'t take long for the Professor to find out
that these dragons relish in smashing things into puny little pieces.
Bixby\'s notes say something about not making them angry...we wouldn\'t
like them when they\'re angry. Luckily the wizards were at least able
to find a way to keep malachite dragons from destroying the park.',
NULL),
(57, 'Scoria Dragon', 2, 18, '22:00:00', '17:36:00',
'Hybrid\\Scoria\\ScoriaDragonEgg.png',
'Hybrid\\Scoria\\ScoriaDragonBaby.png',
'Hybrid\\Scoria\\ScoriaDragonJuvenile.png',
'Hybrid\\Scoria\\ScoriaDragonAdult.png', NULL, 'Near the Mines of
Dramoria, the Bessemer Wastes are home to the often overlooked scoria
dragons. They are so overlooked, in fact, that our wizards accidentally
classified them as the wrong type of dragon. Ooops. In their later
years, scoria dragons grow rocklike scales on their back, but don\'t
let their appearance fool you; they\'re still fast as can be when
racing other dragons.', NULL),
(58, 'Rain Dragon', 2, 16, '08:00:00', '06:24:00',
'Hybrid\\Rain\\RainDragonEgg.png', 'Hybrid\\Rain\\RainDragonBaby.png',
'Hybrid\\Rain\\RainDragonJuvenile.png',
'Hybrid\\Rain\\RainDragonAdult.png', NULL, 'While commonly found in
large bodies of water throughout the southern tropics, on occasion the
rain dragon has been mistaken for a gigantic flying fish when it takes
to the skies. In the wild they have been observed precipitating a large
amount of water while in flight. Hopefully guests will remember to
bring their umbrellas.', NULL),
(59, 'Ironwood Dragon', 2, 18, '12:00:00', '09:36:00',
'Hybrid\\Ironwood\\IronwoodDragonEgg.png',
'Hybrid\\Ironwood\\IronwoodDragonBaby.png',
'Hybrid\\Ironwood\\IronwoodDragonJuvenile.png',
'Hybrid\\Ironwood\\IronwoodDragonAdult.png', NULL, 'Famed Oracle Tessa
Lonya was lost in the vast dunes of the Sandara Desert. Tired and
without water, she collapsed only to wake up at the edge of an oasis
with an ironwood dragon! It\'s a good thing they\'re friendly.', NULL),
(60, 'Ash Dragon', 2, 12, '06:00:00', '04:48:00',
'Hybrid\\Ash\\AshDragonEgg.png', 'Hybrid\\Ash\\AshDragonBaby.png',
'Hybrid\\Ash\\AshDragonJuvenile.png',
'Hybrid\\Ash\\AshDragonAdult.png', NULL, 'The strange expression all
ash dragons have was caused by a loud magical boomstick going off near
one of their ancestors. It\'s said the BOOM! was so loud it echoed
through time and affected ash dragons throughout the generations. That
seems almost as unlikely as the dead rising from their graves!', NULL),
(61, 'Obsidian Dragon', 2, 4, '08:00:00', '06:24:00',
'Hybrid\\Obsidian\\ObsidianDragonEgg.png',
'Hybrid\\Obsidian\\ObsidianDragonBaby.png',
'Hybrid\\Obsidian\\ObsidianDragonJuvenile.png',
'Hybrid\\Obsidian\\ObsidianDragonAdult.png', NULL, 'Found in the
volcanic regions of Wrothmoore, the obsidian dragon\'s iridescent horns
are sure to make it one of your visitors\' favorite new dragons!',
NULL),
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(62, 'Smoke Dragon', 2, 16, '14:00:00', '11:12:00',
'Hybrid\\Smoke\\SmokeDragonEgg.png',
'Hybrid\\Smoke\\SmokeDragonBaby.png',
'Hybrid\\Smoke\\SmokeDragonJuvenile.png',
'Hybrid\\Smoke\\SmokeDragonAdult.png', NULL, 'The smoke dragon is a
misunderstood beast. The Ancients mistook them for spirits and offered
them messages to carry to the Other Side. Unfortunately the only 'other
side' these creatures cross to is whatever side of the campfire you
move to.', NULL),
(63, 'Glacier Dragon', 2, 9, '10:00:00', '08:00:00',
'Hybrid\\Glacier\\GlacierDragonEgg.png',
'Hybrid\\Glacier\\GlacierDragonBaby.png',
'Hybrid\\Glacier\\GlacierDragonJuvenile.png',
'Hybrid\\Glacier\\GlacierDragonAdult.png', NULL, 'Tremendous eaters,
glacier dragons follow the first rule of geography, never get separated
from your lunch. Trails of excess water in your habitat? We assure you
that\'s meltwater, not an accident.', NULL),
(64, 'Hail Dragon', 2, 12, '08:00:00', '06:24:00',
'Hybrid\\Hail\\HailDragonEgg.png', 'Hybrid\\Hail\\HailDragonBaby.png',
'Hybrid\\Hail\\HailDragonJuvenile.png',
'Hybrid\\Hail\\HailDragonAdult.png', NULL, 'Wizards have been noticing,
and repairing, dents to their decorations for some time. The cause...
hail dragons. The damage was unintentional. Hail dragons simply wag
their tails enthusiastically when they see cool decorations. Now that
they live in cold and lightning habitats, rest assured your decorations
are safe.', NULL),
(65, 'Blizzard Dragon', 2, 16, '10:00:00', '08:00:00',
'Hybrid\\Blizzard\\BlizzardDragonEgg.png',
'Hybrid\\Blizzard\\BlizzardDragonBaby.png',
'Hybrid\\Blizzard\\BlizzardDragonJuvenile.png',
'Hybrid\\Blizzard\\BlizzardDragonAdult.png', NULL, 'The lost Ice Kings
were believed to be responsible for unsavory weather at the top of the
Berrywhite Mountains. Turns out it was just Blizzard dragons coughing
and sneezing. Their colds have been cured and they are no longer
contagious, so feel free to breed some and put them next to the other
dragons in your park', NULL),
(66, 'Thunder Dragon', 2, 16, '08:30:00', '06:48:00',
'Hybrid\\Thunder\\ThunderDragonEgg.png',
'Hybrid\\Thunder\\ThunderDragonBaby.png',
'Hybrid\\Thunder\\ThunderDragonJuvenile.png',
'Hybrid\\Thunder\\ThunderDragonAdult.png', NULL, 'Originating in the
Verulean Highlands, Thunder dragons have been known to exist for quite
some time but were much too loud to display in parks. Fortunately, the
witch Tranquila spent considerable time creating a spell to dampen the
sound of her husband\'s thunderous snoring. She modified the spell a
bit and it works well enough on Thunder dragons to allow them to share
habitats with other dragons and not deafen park visitors. Though some
ear plugs may still be in order.', NULL),
(67, 'River Dragon', 2, 14, '13:00:00', '10:24:00',
'Hybrid\\River\\RiverDragonEgg.png',
'Hybrid\\River\\RiverDragonBaby.png',
'Hybrid\\River\\RiverDragonJuvenile.png',
'Hybrid\\River\\RiverDragonAdult.png', NULL, 'River dragons live on
land but spend much of their time in the water. Their boundless energy
and constant frolicking cause river dragon scales to fray at the edge,
giving them the look of fur. Often found near the Ami\'Lya Pond, their
splashing creates something akin to a melody; they will occasionally
dance to this river song.', NULL),
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(68, 'Meteor Dragon', 2, 18, '14:00:00', '11:12:00',
'Hybrid\\Meteor\\MeteorDragonEgg.png',
'Hybrid\\Meteor\\MeteorDragonBaby.png',
'Hybrid\\Meteor\\MeteorDragonJuvenile.png',
'Hybrid\\Meteor\\MeteorDragonAdult.png', NULL, 'Meteor dragons rocket
across the skies making them nearly impossible to study. The wizards
hatched a plot to hide by a patch of Sarjin Peppers, meteor dragons\'
favorite treats. After much research and a fair share of failed
experiments, the wizards have found a way to attract and keep a meteor
dragon in your park. Fun fact: In the wild, the meteor dragon is often
followed by a sonic dragon.', NULL),
(69, 'Salamander Dragon', 2, 14, '09:30:00', '07:36:00',
'Hybrid\\Salamander\\SalamanderDragonEgg.png',
'Hybrid\\Salamander\\SalamanderDragonBaby.png',
'Hybrid\\Salamander\\SalamanderDragonJuvenile.png',
'Hybrid\\Salamander\\SalamanderDragonAdult.png', NULL, 'Salamander
dragons love to sleep in old logs. Sometimes when they snore, their
breath catches the logs on fire. Luckily, their watery skin protects
them and the bed of ashes is comfortable enough that their slumber is
never disturbed.', NULL),
(70, 'Coral Dragon', 2, 14, '11:30:00', '09:12:00',
'Hybrid\\Coral\\CoralDragonEgg.png',
'Hybrid\\Coral\\CoralDragonBaby.png',
'Hybrid\\Coral\\CoralDragonJuvenile.png',
'Hybrid\\Coral\\CoralDragonAdult.png', NULL, 'Formations in the shallow
areas of the Crimson Sea have always appeared hazardous, so everyone
sailed safely around them. Magical treat expert and excellent witch,
Jayme the Cook noticed that charts of the regions always contained
discrepancies in the shape and location of these formations, so she
decided to investigate the phenomenon. Sailing close and examining
carefully, she discovered that it was a new type of dragon, the coral
dragon.', NULL),
(71, 'Pepper Dragon', 2, 3, '06:00:00', '04:48:00',
'Hybrid\\Pepper\\PepperDragonEgg.png',
'Hybrid\\Pepper\\PepperDragonBaby.png',
'Hybrid\\Pepper\\PepperDragonJuvenile.png',
'Hybrid\\Pepper\\PepperDragonAdult.png', NULL, 'Pepper dragons are
feisty creatures. They are one of the few dragons known to actively
engage in a staring contest with lightning dragons. Once, a young
apprentice, Cheelei, was bored with studying lava so she instead
traveled to the western shores in order to examine pepper dragons in
their natural setting. She silently observed them until a sudden fit of
sneezing blew her cover.', NULL),
(72, 'Forest Dragon', 2, 4, '04:00:00', '03:12:00',
'Hybrid\\Forest\\ForestDragonEgg.png',
'Hybrid\\Forest\\ForestDragonBaby.png',
'Hybrid\\Forest\\ForestDragonJuvenile.png',
'Hybrid\\Forest\\ForestDragonAdult.png', NULL, 'Often seen stomping
around with moss dragons, the forest dragon is a particularly social
creature. Similar to the evergreen dragon, you will often find forest
dragons frolicking in groups.', NULL),
(73, 'Meadow Dragon', 2, 21, '09:00:00', '07:12:00',
'Hybrid\\Meadow\\MeadowDragonEgg.png',
'Hybrid\\Meadow\\MeadowDragonBaby.png',
'Hybrid\\Meadow\\MeadowDragonJuvenile.png',
'Hybrid\\Meadow\\MeadowDragonAdult.png', NULL, 'While the witch Eliyse
was researching the home of the clover dragons, a mischievous meadow
dragon was playfully lying in wait and sprang upon the unsuspecting
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passerby. The wizards are currently uncertain if the growth on their
backs is a natural part of the dragon, or the result of patiently
waiting for people to play with.', NULL),
(74, 'Sand Dragon', 2, 21, '06:30:00', '05:12:00',
'Hybrid\\Sand\\SandDragonEgg.png', 'Hybrid\\Sand\\SandDragonBaby.png',
'Hybrid\\Sand\\SandDragonJuvenile.png',
'Hybrid\\Sand\\SandDragonAdult.png', NULL, 'An old family of wizards
living near the dunes of the Sandara Desert heard rumors of a
completely new type of dragon. Wallach, the head of the family, took a
group out to search the dunes. Wallach\'s son Leto, a wizard-in-
training, spotted the spindles of the sand dragon\'s back poking out
from a nearby dune. Oddly enough, the spindles are softer than they
appear.', NULL),
(75, 'Glass Dragon', 2, 21, '12:30:00', '10:00:00',
'Hybrid\\Glass\\GlassDragonEgg.png',
'Hybrid\\Glass\\GlassDragonBaby.png',
'Hybrid\\Glass\\GlassDragonJuvenile.png',
'Hybrid\\Glass\\GlassDragonAdult.png', NULL, 'The oils in the hide of
the glass dragon give it a glossy appearance and the mixture of Light
and Earth Magic somehow colorizes their horns and wings in spectacular
displays of beauty.', NULL),
(76, 'Ember Dragon', 2, 21, '08:00:00', '06:24:00',
'Hybrid\\Ember\\EmberDragonEgg.png',
'Hybrid\\Ember\\EmberDragonBaby.png',
'Hybrid\\Ember\\EmberDragonJuvenile.png',
'Hybrid\\Ember\\EmberDragonAdult.png', NULL, 'Light and Fire come
together in an amazing display in the ember dragon. The first time they
were seen by a wizard, he mistakenly cast a dousing water spell because
he thought the ember dragon\'s wings were actually on fire.', NULL),
(77, 'Luminous Dragon', 2, 21, '13:00:00', '10:24:00',
'Hybrid\\Luminous\\LuminousDragonEgg.png',
'Hybrid\\Luminous\\LuminousDragonBaby.png',
'Hybrid\\Luminous\\LuminousDragonJuvenile.png',
'Hybrid\\Luminous\\LuminousDragonAdult.png', NULL, 'Shortly after the
return of Light Magic, the luminous dragons were discovered high in the
Berrywhite Mountains. An apprentice of the wizard Mohs was researching
a rare geological formation of rock chalk and happened upon an aerie of
the majestic dragons.', NULL),
(78, 'Heat Dragon', 2, 21, '12:00:00', '09:36:00',
'Hybrid\\Heat\\HeatDragonEgg.png', 'Hybrid\\Heat\\HeatDragonBaby.png',
'Hybrid\\Heat\\HeatDragonJuvenile.png',
'Hybrid\\Heat\\HeatDragonAdult.png', NULL, 'The blue gossamer wings of
the heat dragon emanate a magical warmth sure to please any and all
visitors to your park.', NULL),
(79, 'Root Dragon', 2, 25, '09:00:00', '07:12:00',
'Hybrid\\Root\\RootDragonEgg.png', 'Hybrid\\Root\\RootDragonBaby.png',
'Hybrid\\Root\\RootDragonJuvenile.png',
'Hybrid\\Root\\RootDragonAdult.png', NULL, 'Root dragons are quickly
becoming known for their love of questing. Making these dragons
available to park owners was originally difficult due to their disdain
for being transplanted from their original habitat.', NULL),
(80, 'Nightshade Dragon', 2, 25, '13:30:00', '10:48:00',
'Hybrid\\Nightshade\\NightshadeDragonEgg.png',
'Hybrid\\Nightshade\\NightshadeDragonBaby.png',
'Hybrid\\Nightshade\\NightshadeDragonJuvenile.png',
'Hybrid\\Nightshade\\NightshadeDragonAdult.png', NULL, 'The great
wizard Garriott often uses rare plants as reagents in his complex
spells. While gathering a batch of the nightshade plant at midnight on
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a full moon, he happened upon a new type of dark dragon. He promptly
named them nightshade dragons due to the resemblance of their wings to
the plant of the same name.', NULL),
(81, 'Fungus Dragon', 2, 25, '13:00:00', '10:24:00',
'Hybrid\\Fungus\\FungusDragonEgg.png',
'Hybrid\\Fungus\\FungusDragonBaby.png',
'Hybrid\\Fungus\\FungusDragonJuvenile.png',
'Hybrid\\Fungus\\FungusDragonAdult.png', NULL, 'The fungus dragons have
an interesting trait. They have gills that allow their mouth to expand
to fit an impressive number of treats! Reading the notes of the Witch
Hyphae, "They\'re also very friendly and have been known to like
people." Wait.. does that say \'lick people\'?', NULL),
(82, 'Watch Dragon', 2, 25, '08:00:00', '06:24:00',
'Hybrid\\Watch\\WatchDragonEgg.png',
'Hybrid\\Watch\\WatchDragonBaby.png',
'Hybrid\\Watch\\WatchDragonJuvenile.png',
'Hybrid\\Watch\\WatchDragonAdult.png', NULL, 'Watch dragons rarely
sleep. Instead, these alert guardians look after parks night and day.
We\'re not quite sure what they need to protect us from, but their
tenacity and courage are admirable.', NULL),
(83, 'Dungeon Dragon', 2, 25, '15:00:00', '12:00:00',
'Hybrid\\Dungeon\\DungeonDragonEgg.png',
'Hybrid\\Dungeon\\DungeonDragonBaby.png',
'Hybrid\\Dungeon\\DungeonDragonJuvenile.png',
'Hybrid\\Dungeon\\DungeonDragonAdult.png', NULL, 'The wizard Guy Gacks,
son of Arne, was the first person to discover the dungeon dragon deep
in an ancient network of catacombs. The entrance to the catacombs is
near a keep on the borderlands between the Sandara Desert and the Drag
Marshes.', NULL),
(84, 'Cave Dragon', 2, 25, '11:00:00', '08:48:00',
'Hybrid\\Cave\\CaveDragonEgg.png', 'Hybrid\\Cave\\CaveDragonBaby.png',
'Hybrid\\Cave\\CaveDragonJuvenile.png',
'Hybrid\\Cave\\CaveDragonAdult.png', NULL, 'Found deep in the Tull
Caverns, cave dragons have adapted googly eyes to see in the dark.
Their long jointed legs make them excellent runners, able to clear
large boulders whilst staying in full stride.', NULL),
(85, 'Gamma Dragon', 2, 21, '19:00:00', '15:12:00',
'Hybrid\\Gamma\\GammaDragonEgg.png',
'Hybrid\\Gamma\\GammaDragonBaby.png',
'Hybrid\\Gamma\\GammaDragonJuvenile.png',
'Hybrid\\Gamma\\GammaDragonAdult.png', NULL, 'The origin of the gamma
dragon, as told by the wizard Kirbixblee, starts with a particularly
monstrous lightning strike to a banner flying atop the ancient
Ferrigneaux Academy. A never before seen magical reaction occurred and
these once tiny and gentle dragons exploded out into the greater world,
suddenly huge and green.', NULL),
(86, 'Glare Dragon', 2, 21, '09:30:00', '07:36:00',
'Hybrid\\Glare\\GlareDragonEgg.png',
'Hybrid\\Glare\\GlareDragonBaby.png',
'Hybrid\\Glare\\GlareDragonJuvenile.png',
'Hybrid\\Glare\\GlareDragonAdult.png', NULL, 'Between the Frozen
Highlands and the Garita Volcano is a bland and icy wasteland. The
explorer Addison willed himself to travel on foot and find the fabled
Caves of Ramora. Stranded and lost, in an exhausted and phobic haze, he
was led to the Caves by a wandering glare dragon.', NULL),
(87, 'Flash Dragon', 2, 21, '06:00:00', '04:48:00',
'Hybrid\\Flash\\FlashDragonEgg.png',
'Hybrid\\Flash\\FlashDragonBaby.png',
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'Hybrid\\Flash\\FlashDragonJuvenile.png',
'Hybrid\\Flash\\FlashDragonAdult.png', NULL, 'The Lightning Dragon
Master was experimenting with a major spell to improve the Lightning
Boost at the exact moment Light Magic reentered the world of
DragonVale. His favorite irksome lightning dragon, Wally, seemed to
have been transformed into a new breed, the flash dragon. Capable of
darting around at unnatural speeds, flash dragons have been nicknamed
\'scarlet speedsters\'.', NULL),
(88, 'Phantom Dragon', 2, 21, '08:30:00', '06:48:00',
'Hybrid\\Phantom\\PhantomDragonEgg.png',
'Hybrid\\Phantom\\PhantomDragonBaby.png',
'Hybrid\\Phantom\\PhantomDragonJuvenile.png',
'Hybrid\\Phantom\\PhantomDragonAdult.png', NULL, 'Phantom dragons began
appearing in the frozen highlands of the far North. A slight chill can
be felt as they glide by, but it\'s uncertain if this is due to their
temperature or their spectral appearance.', NULL),
(89, 'Ruin Dragon', 2, 25, '06:00:00', '04:48:00',
'Hybrid\\Ruin\\RuinDragonEgg.png', 'Hybrid\\Ruin\\RuinDragonBaby.png',
'Hybrid\\Ruin\\RuinDragonJuvenile.png',
'Hybrid\\Ruin\\RuinDragonAdult.png', NULL, 'Ruin dragons have developed
clear membranes on their wings which make them look torn, hence their
moniker. Despite their somber name, they\'re quite friendly dragons.',
NULL),
(90, 'Spark Dragon', 2, 25, '09:30:00', '07:36:00',
'Hybrid\\Spark\\SparkDragonEgg.png',
'Hybrid\\Spark\\SparkDragonBaby.png',
'Hybrid\\Spark\\SparkDragonJuvenile.png',
'Hybrid\\Spark\\SparkDragonAdult.png', NULL, 'When dark and lightning
met in the form of the spark dragon, it was electrically epic.
Scattering energy in all directions, your visitors are sure to have a
shockingly good time seeing these dragons!', NULL),
(91, 'Wraith Dragon', 2, 25, '14:00:00', '11:12:00',
'Hybrid\\Wraith\\WraithDragonEgg.png',
'Hybrid\\Wraith\\WraithDragonBaby.png',
'Hybrid\\Wraith\\WraithDragonJuvenile.png',
'Hybrid\\Wraith\\WraithDragonAdult.png', NULL, 'It has been said to
never enter a staring contest with a lightning dragon. The calm and
piercing eyes of the wraith dragon give their lightning dragon cousins
the shivers.', NULL),
(92, 'Crypt Dragon', 2, 25, '17:30:00', '14:00:00',
'Hybrid\\Crypt\\CryptDragonEgg.png',
'Hybrid\\Crypt\\CryptDragonBaby.png',
'Hybrid\\Crypt\\CryptDragonJuvenile.png',
'Hybrid\\Crypt\\CryptDragonAdult.png', NULL, 'The crypt dragon gets its
name due to often being found near mausoleums and cemeteries. They have
no connection with the undead, they just like the quiet.', NULL),
(93, 'Lotus Dragon', 2, 21, '07:00:00', '05:36:00',
'Hybrid\\Lotus\\LotusDragonEgg.png',
'Hybrid\\Lotus\\LotusDragonBaby.png',
'Hybrid\\Lotus\\LotusDragonJuvenile.png',
'Hybrid\\Lotus\\LotusDragonAdult.png', NULL, 'Legend has it that Sidd
Arthur, a privileged nobleman turn wandering wizard, once rested under
the wings of a lotus dragon. Upon awakening, Sidd was famished. Having
no food, he attempted to transmute some local wild flowers into a
snack. Sadly, the result was unpalatable. To his surprise, though, the
lotus dragon snapped them up! Thus, Dragon Snaps were invented!',
NULL),
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(94, 'Wind Dragon', 2, 21, '05:00:00', '04:00:00',
'Hybrid\\Wind\\WindDragonEgg.png', 'Hybrid\\Wind\\WindDragonBaby.png',
'Hybrid\\Wind\\WindDragonJuvenile.png',
'Hybrid\\Wind\\WindDragonAdult.png', NULL, 'Swift and graceful, the
wind dragon flows from place to place with a gentle rustle of feathery
scales. A lucky omen to sailors and millers, these dragons are sure to
bring a breath of fresh air to your park.', NULL),
(95, 'Shimmer Dragon', 2, 21, '11:00:00', '08:48:00',
'Hybrid\\Shimmer\\ShimmerDragonEgg.png',
'Hybrid\\Shimmer\\ShimmerDragonBaby.png',
'Hybrid\\Shimmer\\ShimmerDragonJuvenile.png',
'Hybrid\\Shimmer\\ShimmerDragonAdult.png', NULL, 'With the return of
Light Magic, the sailors of the island kingdoms of the Crimson Sea have
a new reason to rejoice; Shimmer dragons have been observed bursting
from the sea with their dazzling wings and guiding ships safely out of
the paths of storms.', NULL),
(96, 'Hypnotic Dragon', 2, 21, '21:30:00', '17:12:00',
'Hybrid\\Hypnotic\\HypnoticDragonEgg.png',
'Hybrid\\Hypnotic\\HypnoticDragonBaby.png',
'Hybrid\\Hypnotic\\HypnoticDragonJuvenile.png',
'Hybrid\\Hypnotic\\HypnoticDragonAdult.png', NULL, 'The hypnotic
dragon\'s appearance is jarring at first, but strangely soothing the
longer you stare at it. If your visitors stare directly into one\'s
eyes, they may feel very, very sleepy...', NULL);
INSERT INTO `dragon` (`DragonID`, `DragonName`, `TypeID`,
`UnlockLevel`, `BreedTimeReg`, `BreedTimeUpgrade`, `EggImage`,
`BabyImage`, `TeenImage`, `AdultImage`, `ElderImage`, `Description`,
`Notes`) VALUES
(97, 'Abyss Dragon', 2, 25, '07:30:00', '06:00:00',
'Hybrid\\Abyss\\AbyssDragonEgg.png',
'Hybrid\\Abyss\\AbyssDragonBaby.png',
'Hybrid\\Abyss\\AbyssDragonJuvenile.png',
'Hybrid\\Abyss\\AbyssDragonAdult.png', NULL, 'The depths beyond the
Rift can be dark. Luckily, the abyss dragon has developed a way of
coping with this obstacle. It carries a magical light on its head,
which helps it to see. Unfortunately, this has led to some incidents
where explorers, attracted to the warm glow of this light, bump into
the dragon!', NULL),
(98, 'Miasma Dragon', 2, 25, '10:30:00', '08:24:00',
'Hybrid\\Miasma\\MiasmaDragonEgg.png',
'Hybrid\\Miasma\\MiasmaDragonBaby.png',
'Hybrid\\Miasma\\MiasmaDragonJuvenile.png',
'Hybrid\\Miasma\\MiasmaDragonAdult.png', NULL, 'The miasma dragon gets
its... unique... scent from the ability to absorb undesirable aromas
from around its environment. The rest of the park, as a result, has
never smelled better! Despite the noxious fumes surrounding it,
visitors still manage to enjoy the dragon, albeit from a comfortable
distance.', NULL),
(99, 'Howl Dragon', 2, 25, '12:30:00', '10:00:00',
'Hybrid\\Howl\\HowlDragonEgg.png', 'Hybrid\\Howl\\HowlDragonBaby.png',
'Hybrid\\Howl\\HowlDragonJuvenile.png',
'Hybrid\\Howl\\HowlDragonAdult.png', NULL, 'Since the return of Dark
Magic, the impossibly steep Allengin Mountain range has echoed with
bone chilling howls at night. Sleep deprived and irascible, the wizards
of the neighboring valley hastily organized an expedition via flying
carpet to discover what all the ruckus was about. There they made a
surprising realization. Howl dragons have bad night vision, and use
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their screams to navigate at night. Since then, howl dragons have been
relocated to well lit habitats.', NULL),
(100, 'Ooze Dragon', 2, 25, '18:30:00', '14:48:00',
'Hybrid\\Ooze\\OozeDragonEgg.png', 'Hybrid\\Ooze\\OozeDragonBaby.png',
'Hybrid\\Ooze\\OozeDragonJuvenile.png',
'Hybrid\\Ooze\\OozeDragonAdult.png', NULL, 'This dragon defies
description. The ancient manuscript "The Done Witch" tells of several
renowned scribes nearly going mad trying to find just the right words
to describe this rare and ancient creature. Their vague and
contradictory descriptions seemed unbelievable, until one of these
dragons dragged itself from the marshes at the mouth of the Aichpey
river to lay dreaming in the road before the Mouth Inn. Now we know why
they had such a hard time.', NULL),
(101, 'Palladium Dragon', 2, 21, '05:30:00', '04:24:00',
'Hybrid\\Palladium\\PalladiumDragonEgg.png',
'Hybrid\\Palladium\\PalladiumDragonBaby.png',
'Hybrid\\Palladium\\PalladiumDragonJuvenile.png',
'Hybrid\\Palladium\\PalladiumDragonAdult.png', NULL, 'One day, one of
the wizards leaned too close to the Rift while studying it and almost
fell in! Lucky for him, a palladium dragon was nearby to whisk him to
safety. These noble dragons seem to sense when a creature is in peril
and instinctively rush to their aid.', NULL),
(102, 'Radiant Dragon', 2, 21, '10:30:00', '08:24:00',
'Hybrid\\Radiant\\RadiantDragonEgg.png',
'Hybrid\\Radiant\\RadiantDragonBaby.png',
'Hybrid\\Radiant\\RadiantDragonJuvenile.png',
'Hybrid\\Radiant\\RadiantDragonAdult.png', NULL, 'While no wizard has
dared to measure the internal temperature of the Radiant Dragon,
judging from the copious amount of heat radiating from this dragon\'s
fins, it must be formidable. Some clever witches have enticed them to
thaw remote snowed-in villages.', NULL),
(103, 'Promethium Dragon', 2, 25, '08:00:00', '06:24:00',
'Hybrid\\Promethium\\PromethiumDragonEgg.png',
'Hybrid\\Promethium\\PromethiumDragonBaby.png',
'Hybrid\\Promethium\\PromethiumDragonJuvenile.png',
'Hybrid\\Promethium\\PromethiumDragonAdult.png', NULL, 'The Promethium
Dragon re-emerged from the Rift awash with an eerie, buzzing energy.
The wizards tried to solve the riddle of what they called \'Rift Fire\'
but were severely disappointed in the end.', NULL),
(104, 'Mirage Dragon', 2, 25, '17:00:00', '13:36:00',
'Hybrid\\Mirage\\MirageDragonEgg.png',
'Hybrid\\Mirage\\MirageDragonBaby.png',
'Hybrid\\Mirage\\MirageDragonJuvenile.png',
'Hybrid\\Mirage\\MirageDragonAdult.png', NULL, 'The witch Fatima Fata
discovered the mirage dragon when she noticed its big eyes poking out
of the sand in the Sandara Desert. Thinking it was a stranded water
dragon, she dug it out, only to realize it was the rare offspring of
light and dark, waiting out the heat of the day.', NULL),
(105, 'Shadow Dragon', 2, 25, '18:00:00', '14:24:00',
'Hybrid\\Shadow\\ShadowDragonEgg.png',
'Hybrid\\Shadow\\ShadowDragonBaby.png',
'Hybrid\\Shadow\\ShadowDragonJuvenile.png',
'Hybrid\\Shadow\\ShadowDragonAdult.png', NULL, 'The shadow dragon is
very misunderstood. Contrary to popular belief, it is not named for its
shadowy countenance, but rather for its habit of following others
around. Though this may seem unsettling to some, the wizards have
discovered that the dragon is just remarkably curious.', NULL),
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(106, 'Nectar Dragon', 2, 21, '05:00:00', '04:00:00',
'Hybrid\\Nectar\\NectarDragonEgg.png',
'Hybrid\\Nectar\\NectarDragonBaby.png',
'Hybrid\\Nectar\\NectarDragonJuvenile.png',
'Hybrid\\Nectar\\NectarDragonAdult.png', NULL, 'Wandering the lower
slopes of Mount Oly, the witch Tantalia discovered Nectar dragons
drinking in the sunlight on the banks of the River Ambrosia --
literally. These gentle creatures actually consume nothing but sunlight
and pure water, and it shows in both their radiance and good nature.
There are those who will tell you that the dew they carry on their
tails will bring immortality to any who drink it, but those are usually
people selling little bottles of oil behind the roasted corn tent at
the fair.', NULL),
(107, 'Wisp Dragon', 2, 25, '02:00:00', '01:36:00',
'Hybrid\\Wisp\\WispDragonEgg.png', 'Hybrid\\Wisp\\WispDragonBaby.png',
'Hybrid\\Wisp\\WispDragonJuvenile.png',
'Hybrid\\Wisp\\WispDragonAdult.png', NULL, 'Even the bravest
adventurers are wary of tracking the wisp dragon in its native bogs and
fens. These small dragons like to sleep curled up on the luminous balls
on their tails. From a distance, wizards and witches hunting swamp gas
for their potions often follow the drifting dragons by mistake, finding
themselves safe and dry in the woods after a long night\'s walk.',
NULL),
(108, 'Sulfur Dragon', 2, 18, '15:00:00', '12:00:00',
'Hybrid\\Sulfur\\SulfurDragonEgg.png',
'Hybrid\\Sulfur\\SulfurDragonBaby.png',
'Hybrid\\Sulfur\\SulfurDragonJuvenile.png',
'Hybrid\\Sulfur\\SulfurDragonAdult.png', NULL, 'The sulfur dragon is
often found near volcanoes and the hottest geysers. Their bright
coloring makes them hard to miss, but it\'s their strong smell that
your park visitors are most likely to remember. Friendly as they are,
you don\'t want one of these dragons to lick you--their slobber can
burn holes in your robes.', NULL),
(109, 'Orchid Dragon', 2, 16, '09:00:00', '07:12:00',
'Hybrid\\Orchid\\OrchidDragonEgg.png',
'Hybrid\\Orchid\\OrchidDragonBaby.png',
'Hybrid\\Orchid\\OrchidDragonJuvenile.png',
'Hybrid\\Orchid\\OrchidDragonAdult.png', NULL, 'Often found resting
with their tails wound around trees, the orchid dragon is a beautiful
sight. The master plant wizard Aidan of Koo Hill cataloged over 200
varieties of these dragons in his exploration of the tropical forests
beyond the Scar of the World, and he only meant to bring back
paintings. A pair of these lovely dragons followed him home, though,
and have been flourishing in parks ever since.', NULL),
(110, 'Arctic Dragon', 2, 9, '22:00:00', '17:36:00',
'Hybrid\\Arctic\\ArcticDragonEgg.png',
'Hybrid\\Arctic\\ArcticDragonBaby.png',
'Hybrid\\Arctic\\ArcticDragonJuvenile.png',
'Hybrid\\Arctic\\ArcticDragonAdult.png', NULL, 'Hailing from the far
South, the arctic dragon is a rare sight in climates comfortable for
wizards. The warrior-witch Hildegard Drakkenfjord is said to have
walked across the Sea of Kizmar with two arctic dragons by her side,
freezing the water beneath them as they went. This feat got her an epic
poem written in her honor, but it\'s said her feet were never warm
again.', NULL),
(111, 'Hydra Dragon', 3, 21, '34:00:00', '27:12:00',
'Epic\\Olympus\\Hydra\\HydraDragonEgg.png',
'Epic\\Olympus\\Hydra\\HydraDragonBaby.png',
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'Epic\\Olympus\\Hydra\\HydraDragonJuvenile.png',
'Epic\\Olympus\\Hydra\\HydraDragonAdult.png', NULL, 'Hydra dragons are
extremely picky eaters. Since no two heads can agree on what to eat at
a given time, it\'s a wonder they finish a meal at all! Fortunately,
the wizards have learned to provide them with a buffet at mealtimes, so
each head gets to eat what it wants!', NULL),
(112, 'Geode Dragon', 2, 21, '23:00:00', '18:24:00',
'Hybrid\\Geode\\GeodeDragonEgg.png',
'Hybrid\\Geode\\GeodeDragonBaby.png',
'Hybrid\\Geode\\GeodeDragonJuvenile.png',
'Hybrid\\Geode\\GeodeDragonAdult.png', NULL, 'These dragons were
recently discovered deep within the Tull Caverns. The Wizard scholars
are abuzz with the mysteries surrounding this dragon, some theorize
that they are the ancient ancestors of gemstone dragons. While sharing
a marked resemblance to gemstone dragons, they are unable to generate
magic gems and retain the ability to breed with other dragons.', NULL),
(113, 'Mirror Dragon', 2, 21, '14:00:00', '11:12:00',
'Hybrid\\Mirror\\MirrorDragonEgg.png',
'Hybrid\\Mirror\\MirrorDragonBaby.png',
'Hybrid\\Mirror\\MirrorDragonJuvenile.png',
'Hybrid\\Mirror\\MirrorDragonAdult.png', NULL, 'It may take some
careful reflection to figure out if the mirror dragon is coming or
going, but that didn\'t stop the wizard Vujade from declaring them to
be the fairest dragons of them all.', NULL),
(114, 'Lodestone Dragon', 2, 21, '25:30:00', '20:24:00',
'Hybrid\\Lodestone\\LodestoneDragonEgg.png',
'Hybrid\\Lodestone\\LodestoneDragonBaby.png',
'Hybrid\\Lodestone\\LodestoneDragonJuvenile.png',
'Hybrid\\Lodestone\\LodestoneDragonAdult.png', NULL, 'It\'s said that
the great explorer Jorsten Seabound always sailed with one of these
dragons perched on the mast of his ship. With the aid of the lodestone
dragon\'s instinctive guidance, he never lost his way. By their
instincts, these dragons have found their way to the Vale!', NULL),
(115, 'Frostbite Dragon', 2, 25, '04:00:00', '03:12:00',
'Hybrid\\Frostbite\\FrostbiteDragonEgg.png',
'Hybrid\\Frostbite\\FrostbiteDragonBaby.png',
'Hybrid\\Frostbite\\FrostbiteDragonJuvenile.png',
'Hybrid\\Frostbite\\FrostbiteDragonAdult.png', NULL, 'Wizards with
especially chilly islands all agree the frostbite dragon is the best
discovery since the return of the dark dragons. Their peculiar talent
for gobbling up massive quantities of snow is what earned them this
appreciation and their name.', NULL),
(116, 'Halo Dragon', 2, 21, '12:00:00', '09:36:00',
'Hybrid\\Halo\\HaloDragonEgg.png', 'Hybrid\\Halo\\HaloDragonBaby.png',
'Hybrid\\Halo\\HaloDragonJuvenile.png',
'Hybrid\\Halo\\HaloDragonAdult.png', NULL, 'Elmin the Stirrer achieved
culinary fame when he completed his first legendary angel food cake.
Once the cake was baked and the kitchen shutters opened, the powerful
aroma brought gawkers from far and wide. The heavenly scent even wafted
high into the clouds, from where it drew a dragon that nobody had seen
before. That day marked both the introduction of the halo dragon and
Elmin\'s ascent to the title of Master Chef.', NULL),
(117, 'Acid Dragon', 2, 25, '15:30:00', '12:24:00',
'Hybrid\\Acid\\AcidDragonEgg.png', 'Hybrid\\Acid\\AcidDragonBaby.png',
'Hybrid\\Acid\\AcidDragonJuvenile.png',
'Hybrid\\Acid\\AcidDragonAdult.png', NULL, 'The first acid dragon
brought into the Vale was carried snugly in the jacket of the explorer
Ellen O\'Mortson, who found the egg in the derelict buildings of
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Geegur. This tiny dragon got an undeserved reputation for terror, when
it hatched right through his jacket and onto the banquet table at
O\'Mortson\'s homecoming feast. That story still gets ripples of
laughter.', NULL),
(118, 'Bramble Dragon', 2, 25, '18:00:00', '14:24:00',
'Hybrid\\Bramble\\BrambleDragonEgg.png',
'Hybrid\\Bramble\\BrambleDragonBaby.png',
'Hybrid\\Bramble\\BrambleDragonJuvenile.png',
'Hybrid\\Bramble\\BrambleDragonAdult.png', NULL, 'The bramble dragon
has a thorny history among witches and wizards. Often found sleeping in
heavily forested areas, this dragon is easy to miss until you stumble
into its prickly tail… and get stuck there. Nurses skilled in mending
magic are frequently dispatched all over DragonVale to free the
unfortunate folk who get tangled up with bramble dragons. The bramble
dragons don\'t mind the attention, though; they get pretty attached to
new friends.', NULL),
(119, 'Inferno Dragon', 2, 16, '08:00:00', '06:24:00',
'Hybrid\\Inferno\\InfernoDragonEgg.png',
'Hybrid\\Inferno\\InfernoDragonBaby.png',
'Hybrid\\Inferno\\InfernoDragonJuvenile.png',
'Hybrid\\Inferno\\InfernoDragonAdult.png', NULL, 'Don\'t have a
meltdown if you happen to ignite this dragon\'s fiery gaze. The inferno
dragon might look hot under the collar, but it\'s actually rather warm-
hearted. In fact, fire magic expert Pi Roh once kindled a public
campaign to douse the stereotypes engulfing the inferno dragon. "Blaze
the trail: visit the inferno dragon!" Initial reception was lukewarm,
but visitors\' curiosity eventually boiled over.', NULL),
(120, 'Tempest Dragon', 2, 12, '08:00:00', '06:24:00',
'Hybrid\\Tempest\\TempestDragonEgg.png',
'Hybrid\\Tempest\\TempestDragonBaby.png',
'Hybrid\\Tempest\\TempestDragonJuvenile.png',
'Hybrid\\Tempest\\TempestDragonAdult.png', NULL, 'The majesty of the
tempest dragon inspired one of DragonVale\'s great writers, W.
Wiggleswand, to author a turbulent love story between a witch and
wizard in which the tempest dragon plays a thunderous role. Of course,
Wiggleswand took some artistic liberties; in reality, this fierce-
looking dragon has a rather bubbly personality.', NULL),
(121, 'Vortex Dragon', 2, 16, '14:00:00', '11:12:00',
'Hybrid\\Vortex\\VortexDragonEgg.png',
'Hybrid\\Vortex\\VortexDragonBaby.png',
'Hybrid\\Vortex\\VortexDragonJuvenile.png',
'Hybrid\\Vortex\\VortexDragonAdult.png', NULL, 'Do you hear that
ululating, high-pitched gurgling noise? We didn\'t think so. Human ears
aren\'t capable of hearing the unusual cry of the vortex dragon. Its
unique maw produces all sorts of interesting sounds--something that
gravitational spell acoustics comingling with fluid dynamics. Really
pulls visitors in.', NULL),
(122, 'Plains Dragon', 2, 21, '12:00:00', '09:36:00',
'Hybrid\\Plains\\PlainsDragonEgg.png',
'Hybrid\\Plains\\PlainsDragonBaby.png',
'Hybrid\\Plains\\PlainsDragonJuvenile.png',
'Hybrid\\Plains\\PlainsDragonAdult.png', NULL, '"DRAAAAGONVAAAALAAA..
GONNAHATCHAAAAAAA DRAGOOOOOON!" ...is what many visitors like to sing
to the plains dragon, for some reason. As the plains dragon startles
easily, maybe shouting song lyrics at it isn\'t the best for park
business.', NULL),
(123, 'Cerberus Dragon', 3, 17, '33:00:00', '26:24:00',
'Epic\\Olympus\\Cerberus\\CerberusDragonEgg.png',
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'Epic\\Olympus\\Cerberus\\CerberusDragonBaby.png',
'Epic\\Olympus\\Cerberus\\CerberusDragonJuvenile.png',
'Epic\\Olympus\\Cerberus\\CerberusDragonAdult.png', NULL, 'Triple the
heads, triple the cute, triple the love of Dragon Fruit!\r\nSome say
its eyes are little bit freaky, but the cerberus dragon isn\'t mean---
just cheeky!\r\nIts breath is worse than its bite, it\'s said, but
yours would be, too, with that many heads!', NULL),
(124, 'Blazing Gale Dragon', 2, 11, '22:00:00', '17:36:00',
'Limited\\BlazingGale\\BlazingGaleDragonEgg.png',
'Limited\\BlazingGale\\BlazingGaleDragonBaby.png',
'Limited\\BlazingGale\\BlazingGaleDragonJuvenile.png',
'Limited\\BlazingGale\\BlazingGaleDragonAdult.png', NULL, 'Motto of the
House of the Blazing Gale: "Unscorched, Untethered,
Untroubled"\r\n\r\nPi Roh, firework magic expert, took inspiration from
the colorful plumage of the blazing gale dragon for his latest sky
display. The blazing gale dragon, true to the House motto it inspired,
seemed completely unfazed by this homage--it flew through Pi Roh\'s
technics, cool as a Kraken Kabbage, paying no attention to its noisy
firework lookalikes.', NULL),
(125, 'Hidden Bolt Dragon', 2, 12, '22:00:00', '17:36:00',
'Limited\\HiddenBolt\\HiddenBoltDragonEgg.png',
'Limited\\HiddenBolt\\HiddenBoltDragonBaby.png',
'Limited\\HiddenBolt\\HiddenBoltDragonJuvenile.png',
'Limited\\HiddenBolt\\HiddenBoltDragonAdult.png', NULL, 'Motto of the
House of the Hidden Bolt: "Sparking Curiosity"\r\n\r\nLook at that
mischievous expression! The hidden bolt dragon is like the cat that
swallowed the canary... if the canary were made of lightning, that is.
It\'s easy to see where the mischief-makers of the House of the Hidden
Bolt got their inspiration for impishness.', NULL),
(126, 'Icy Torrent Dragon', 2, 11, '22:00:00', '17:36:00',
'Limited\\IcyTorrent\\IcyTorrentDragonEgg.png',
'Limited\\IcyTorrent\\IcyTorrentDragonBaby.png',
'Limited\\IcyTorrent\\IcyTorrentDragonJuvenile.png',
'Limited\\IcyTorrent\\IcyTorrentDragonAdult.png', NULL, 'Motto of the
House of the Icy Torrent: "We Do Not Sink"\r\n\r\nThis dragon doesn\'t
quit for ANYTHING, especially when it comes to sussing out of stray
Dragon Treats. Some Valefolk report having seen this dragon burrow into
the center of a glacier when Zazzberries were at stake. No one knows
how Zazzberries ended up in the center of a glacier, but rest assured,
the icy torrent dragon took care of it.', NULL),
(127, 'Iron Blossom Dragon', 2, 11, '22:00:00', '17:36:00',
'Limited\\IronBlossom\\IronBlossomDragonEgg.png',
'Limited\\IronBlossom\\IronBlossomDragonBaby.png',
'Limited\\IronBlossom\\IronBlossomDragonJuvenile.png',
'Limited\\IronBlossom\\IronBlossomDragonAdult.png', NULL, 'Motto of the
House of the Iron Blossom: "Sown and Forged"\r\n\r\nIn the spirit of
its Vale-renowned cleverness, the iron blossom dragon is the answer to
a popular riddle told to young Valekins:\r\n\r\nWhat grows but has no
seed,\r\nCan forge fire guaranteed,\r\nIs noted for its mettle,\r\nAnd
has wings like flower petals?', NULL),
(128, 'Quicksand Dragon', 2, 14, '15:00:00', '12:00:00',
'Hybrid\\Quicksand\\QuicksandDragonEgg.png',
'Hybrid\\Quicksand\\QuicksandDragonBaby.png',
'Hybrid\\Quicksand\\QuicksandDragonJuvenile.png',
'Hybrid\\Quicksand\\QuicksandDragonAdult.png', NULL, 'The quicksand
dragon is so named for its love of speed-burrowing into sandpits. In
fact, its biology is specifically suited to the task of burrowing--just
look at those chin spikes! There\'s no better way to speed-shovel sand
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than with a perfect set of scooping spikes. We should know; we tested
the theory extensively.', NULL),
(129, 'Bubble Dragon', 2, 16, '10:00:00', '08:00:00',
'Hybrid\\Bubble\\BubbleDragonEgg.png',
'Hybrid\\Bubble\\BubbleDragonBaby.png',
'Hybrid\\Bubble\\BubbleDragonJuvenile.png',
'Hybrid\\Bubble\\BubbleDragonAdult.png', NULL, 'Valefolk almost
equivocally agree that the bubble dragon is one of the cutest dragons
ever discovered. In fact, it\'s so cute, grown witches and wizards will
find themselves helpless to do anything more than babble in baby-talk
every time they encounter one of these adorable creatures. There\'s
even a name for the phenomenon: Bubble Babble!', NULL),
(130, 'Conch Dragon', 2, 18, '06:00:00', '04:48:00',
'Hybrid\\Conch\\ConchDragonEgg.png',
'Hybrid\\Conch\\ConchDragonBaby.png',
'Hybrid\\Conch\\ConchDragonJuvenile.png',
'Hybrid\\Conch\\ConchDragonAdult.png', NULL, 'If you were to put your
ear to a conch dragon\'s wing, you\'d be able to hear the ocean! Which
is fortunate, since living on islands in the sky means there\'s not a
whole lot of opportunity to hear the ocean. Thanks, conch dragon!',
NULL),
(131, 'Lagoon Dragon', 2, 21, '12:00:00', '09:36:00',
'Hybrid\\Lagoon\\LagoonDragonEgg.png',
'Hybrid\\Lagoon\\LagoonDragonBaby.png',
'Hybrid\\Lagoon\\LagoonDragonJuvenile.png',
'Hybrid\\Lagoon\\LagoonDragonAdult.png', NULL, 'The lagoon dragon was
thought to be a myth for nearly a century. Witches and wizards reported
seeing a mysterious "something" floating serenely in the lakes of the
Vale Highlands, but their claims were dismissed as hoax-mongering when
the strongest of revealing spells returned neither scale nor tail.
Finally, an adventurous wizard known as Neddard Hill had the wits to
lure the mysterious something with a trail of floating treats. Lo and
behold, the lagoon dragon came om-nom-noming its way into view. Even
shy dragon can\'t resist treats!', NULL),
(132, 'Trench Dragon', 2, 25, '07:30:00', '06:00:00',
'Hybrid\\Trench\\TrenchDragonEgg.png',
'Hybrid\\Trench\\TrenchDragonBaby.png',
'Hybrid\\Trench\\TrenchDragonJuvenile.png',
'Hybrid\\Trench\\TrenchDragonAdult.png', NULL, 'In the deepest recesses
of the Sea of Anayrahm lives the aptly-named trench dragon. With a home
so far from the sun, the trench dragon relies on its own dark magic
glow to shed light on the gloom of the deep sea. As you might imagine
it can get pretty boring down there in the dark - good thing it\'s easy
to make friends in your park!', NULL),
(133, 'Ivy Dragon', 2, 11, '14:00:00', '11:12:00',
'Hybrid\\Ivy\\IvyDragonEgg.png', 'Hybrid\\Ivy\\IvyDragonBaby.png',
'Hybrid\\Ivy\\IvyDragonJuvenile.png',
'Hybrid\\Ivy\\IvyDragonAdult.png', NULL, 'The wizard to discover the
ivy dragon wishes to remain nameless, as the whole incident was
apparently something an embarrassment. He\'d like the record to show
that he didn\'t, as Valefolk reported, "shriek like a baby dragon with
its tail in a tangle." But, hey, you would (allegedly) shriek too if
you went to repair your cottage and discovered your ivy-covered rooftop
was actually an ivy dragon sunning itself!', NULL),
(134, 'Molten Dragon', 2, 18, '12:00:00', '09:36:00',
'Hybrid\\Molten\\MoltenDragonEgg.png',
'Hybrid\\Molten\\MoltenDragonBaby.png',
'Hybrid\\Molten\\MoltenDragonJuvenile.png',
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'Hybrid\\Molten\\MoltenDragonAdult.png', NULL, 'Surprisingly, famed
fire magic expert Pi Roh was NOT the first wizard to discover the
molten dragon. That honor belongs to metal magic expert Shi Nee, who
was hovering over a magma flow one day while hunting for rare volcanic
metals. Instead of rare metals, she found something even better: the
molten dragon! Or, really, the molten dragon found her -- it sneezed
and set her broomstick on fire. Whoops!', NULL),
(135, 'Thistle Dragon', 2, 12, '03:00:00', '02:24:00',
'Hybrid\\Thistle\\ThistleDragonEgg.png',
'Hybrid\\Thistle\\ThistleDragonBaby.png',
'Hybrid\\Thistle\\ThistleDragonJuvenile.png',
'Hybrid\\Thistle\\ThistleDragonAdult.png', NULL, 'An explanation for
this dragon\'s exceptionally fluffy tail hails from the homework
scrolls of the House of the Iron Blossom:\r\nThere once was a dragon
called thistle who dreamt of a day it could whistle. It huffed and it
puffed \'til its tail was quite fluffed, but the best it could do was a
sniffle!', NULL),
(136, 'Verdigris Dragon', 2, 21, '07:30:00', '06:00:00',
'Hybrid\\Verdigris\\VerdigrisDragonEgg.png',
'Hybrid\\Verdigris\\VerdigrisDragonBaby.png',
'Hybrid\\Verdigris\\VerdigrisDragonJuvenile.png',
'Hybrid\\Verdigris\\VerdigrisDragonAdult.png', NULL, 'Though bearing
the unusual appearance of being rusted, the verdigris dragon is
nevertheless quite popular! Its unusual coloring is not rust at all,
but rather a scale condition known as Elphabaitis. Don\'t worry--it\'s
harmless, and doesn\'t stop this dragon from defying gravity.
Fortunately, none of the other dragons seem to mind the verdigris
dragon\'s appearance. No de-greenifying necessary here!', NULL),
(137, 'Candescent Dragon', 2, 21, '09:00:00', '07:12:00',
'Hybrid\\Candescent\\CandescentDragonEgg.png',
'Hybrid\\Candescent\\CandescentDragonBaby.png',
'Hybrid\\Candescent\\CandescentDragonJuvenile.png',
'Hybrid\\Candescent\\CandescentDragonAdult.png', NULL, 'From the
scrolls of Hy Koo:\r\nTwisty shining tail, Eyes alight, fierce and
blazing, A \'burnin within.', NULL),
(138, 'Fluorescent Dragon', 2, 21, '11:00:00', '08:48:00',
'Hybrid\\Fluorescent\\FluorescentDragonEgg.png',
'Hybrid\\Fluorescent\\FluorescentDragonBaby.png',
'Hybrid\\Fluorescent\\FluorescentDragonJuvenile.png',
'Hybrid\\Fluorescent\\FluorescentDragonAdult.png', NULL, 'The
fluorescent dragon\'s hide is super glossy, thanks to a heaping dose of
powerful light magic--which comes in handy if ever you\'re spelunking
or lost in an especially shadowy alternate dimension. What better
adventuring companion than a glow-in-the-dark dragon?', NULL),
(139, 'Iridescent Dragon', 2, 21, '13:00:00', '10:24:00',
'Hybrid\\Iridescent\\IridescentDragonEgg.png',
'Hybrid\\Iridescent\\IridescentDragonBaby.png',
'Hybrid\\Iridescent\\IridescentDragonJuvenile.png',
'Hybrid\\Iridescent\\IridescentDragonAdult.png', NULL, 'Nominative
determinism at work: The aptly-named Iris Chroma just so happens to be
an expert in Light magic color theory! Her work with interferomagic and
chromolumination spells culminated in a method of unveiling certain
dragons that appear to be invisible in all but direct sunlight. Thanks
to Iris\' clever charmwork, the iridescent dragon\'s beauty is now in
the eye of every beholder, no matter the weather!', NULL),
(140, 'Trinket Dragon', 2, 9, '12:00:00', '09:36:00',
'Limited\\Trinket\\TrinketDragonEgg.png',
'Limited\\Trinket\\TrinketDragonBaby.png',
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'Limited\\Trinket\\TrinketDragonJuvenile.png',
'Limited\\Trinket\\TrinketDragonAdult.png', NULL, 'A longheld
wintertime tradition around the Vale is for witches and wizards to gift
each other trinket dragon eggs. Supposedly, the trinket dragon is
rumored to have a magical aura that brings good luck when it comes to
receiving gifts. The jury is out on whether this dragon really brings
good luck, but it certainly brings joy and adorable companionship!',
NULL),
(141, 'Conifer Dragon', 2, 9, '18:00:00', '14:24:00',
'Hybrid\\Conifer\\ConiferDragonEgg.png',
'Hybrid\\Conifer\\ConiferDragonBaby.png',
'Hybrid\\Conifer\\ConiferDragonJuvenile.png',
'Hybrid\\Conifer\\ConiferDragonAdult.png', NULL, 'Valefolk look upon
the conifer dragon as a symbol of wisdom--and who wouldn\'t? Just look
at those massive, magnificent eyebrows! Nothing says "confounded by
cravings for Kraken Kabbage" like a bold, bushy brow.', NULL),
(142, 'Coldforge Dragon', 2, 18, '20:00:00', '16:00:00',
'Hybrid\\Coldforge\\ColdforgeDragonEgg.png',
'Hybrid\\Coldforge\\ColdforgeDragonBaby.png',
'Hybrid\\Coldforge\\ColdforgeDragonJuvenile.png',
'Hybrid\\Coldforge\\ColdforgeDragonAdult.png', NULL, 'Wimbledrip
Blunderpond is best known as the inventor of the water- and frost-
resistant Wonder Wand, but his discovery of the coldforge dragon is
nothing to sneeze at! The endearingly bumbling inventor was working on
his latest idea--a levitating cauldron for mid-broomflight potion
brewing--when he was interrupted by an alarming THUMP on the roof of
his cottage. Wimbledrip ran to investigate what turned out to be a very
disoriented dragon! Apparently, the resisted frost particles from
Wimbledrip\'s wand invention had to coalesce somewhere, which happened
to be Wimbledrip\'s roof. The coldforge dragon was drawn to this
particulate pocket of freezy-chilly magic. No harm done to the dragon
(or Wimbledrip\'s roof), but it looks like it\'s back to the drawing
board for Wimbledrip\'s Wonder Wand.', NULL),
(143, 'Permafrost Dragon', 2, 9, '18:00:00', '14:24:00',
'Hybrid\\Permafrost\\PermafrostDragonEgg.png',
'Hybrid\\Permafrost\\PermafrostDragonBaby.png',
'Hybrid\\Permafrost\\PermafrostDragonJuvenile.png',
'Hybrid\\Permafrost\\PermafrostDragonAdult.png', NULL, 'From the
freeziest, coldest regions of the far north hails the permafrost
dragon. This fierce flier has to keep up with the worst of the winter
weather, so don\'t let those adorable little baby wings fool you.
Despite its appearance as a hatchling, the permafrost dragon grows up
to sport a seriously impressive wingspan!', NULL),
(144, 'Char Dragon', 2, 25, '22:00:00', '17:36:00',
'Hybrid\\Char\\CharDragonEgg.png', 'Hybrid\\Char\\CharDragonBaby.png',
'Hybrid\\Char\\CharDragonJuvenile.png',
'Hybrid\\Char\\CharDragonAdult.png', NULL, 'From the homework scrolls
of the House of Hidden Bolt:\r\n"C is for cunning, charming, and
clever;\r\nH is for heat-the hotter, the better!\r\nA is for being so
awesomely aflame,\r\nR is for the ravenous and...\r\nI\'m not very good
at rhyming and probably won\'t do well on this assignment."', NULL),
(145, 'Reindeer Dragon', 2, 9, '05:00:00', '04:00:00',
'Limited\\Reindeer\\ReindeerDragonEgg.png',
'Limited\\Reindeer\\ReindeerDragonBaby.png',
'Limited\\Reindeer\\ReindeerDragonJuvenile.png',
'Limited\\Reindeer\\ReindeerDragonAdult.png', NULL, 'These hybrid
dragons come from the Far North and can only be bred near the end of
the year. Centuries ago, the magical toymaker Sandakloz journeyed north
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to study these rare creatures. He never returned from his journey, but
every year since, during the month when reindeer dragons can be bred,
children wake up one day to find magical toys in boxes bearing the old
mage\'s signature.', NULL),
(146, 'Bone Dragon', 2, 7, '10:00:00', '08:00:00',
'Limited\\Bone\\BoneDragonEgg.png',
'Limited\\Bone\\BoneDragonBaby.png',
'Limited\\Bone\\BoneDragonJuvenile.png',
'Limited\\Bone\\BoneDragonAdult.png', NULL, 'Bone dragons can only be
found for a couple weeks during the year. The rest of the year it is
believed that they burrow underground near cemeteries to be around
other bones. But I bet if you breed one and put it in a habitat with
other bones, it would stick around. Or perhaps near a heat source to
keep away the bone-chilling winter cold?', NULL),
(147, 'Love Dragon', 2, 11, '05:00:00', '04:00:00',
'Limited\\Love\\LoveDragonEgg.png',
'Limited\\Love\\LoveDragonBaby.png',
'Limited\\Love\\LoveDragonJuvenile.png',
'Limited\\Love\\LoveDragonAdult.png', NULL, 'The rare love dragon hails
from the western slope of the Berrywhite Mountains and only shows up
for a few weeks each year when love is strong in the air. Getting one
of these lovely beasts is sure to inspire your visitors to buy flowers
and maybe even find a spark of love.', NULL),
(148, 'Panlong Dragon', 2, 14, '36:00:00', '28:48:00',
'Limited\\Panlong\\PanlongDragonEgg.png',
'Limited\\Panlong\\PanlongDragonBaby.png',
'Limited\\Panlong\\PanlongDragonJuvenile.png',
'Limited\\Panlong\\PanlongDragonAdult.png', NULL, 'The majestic panlong
dragon originates from the Far East and it\'s said to only come out of
hiding once every twelve years. Though it prefers to be near water,
they have occasionally been seen in many other types of habitats. Rumor
has it that these dragons are not only a distant cousin of the rainbow
dragon, but they\'re almost as rare too! I wonder if it\'s a
coincidence that they only seem to show up during the year of the
dragon.', NULL),
(149, 'Clover Dragon', 2, 7, '07:00:00', '05:36:00',
'Limited\\Clover\\CloverDragonEgg.png',
'Limited\\Clover\\CloverDragonBaby.png',
'Limited\\Clover\\CloverDragonJuvenile.png',
'Limited\\Clover\\CloverDragonAdult.png', NULL, 'The mischievous and
reclusive clover dragon can be found roaming the meadows of Ulster
during a certain time of the year. Should you be lucky enough to have a
clover dragon it is sure to make other park owners green with envy!
These dragons delight at playing tricks on others and have been known
to, um, "hide" things. Maybe it\'s best if your guests check their
pockets before they leave.', NULL),
(150, 'Bloom Dragon', 2, 11, '13:00:00', '10:24:00',
'Limited\\Bloom\\BloomDragonEgg.png',
'Limited\\Bloom\\BloomDragonBaby.png',
'Limited\\Bloom\\BloomDragonJuvenile.png',
'Limited\\Bloom\\BloomDragonAdult.png', NULL, 'The bloom dragon is
found roaming the Cadberry Meadows near the beginning of Spring. These
dragons have been known to hide their ornate eggs in some unusual
places to protect them from Spring-time showers. Unfortunately it seems
to have had the opposite effect because children have made a game out
of finding them!', NULL),
(151, 'Sakura Dragon', 2, 7, '10:00:00', '08:00:00',
'Limited\\Sakura\\SakuraDragonEgg.png',
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'Limited\\Sakura\\SakuraDragonBaby.png',
'Limited\\Sakura\\SakuraDragonJuvenile.png',
'Limited\\Sakura\\SakuraDragonAdult.png', NULL, 'Sakura dragons, also
sometimes called Cherry Blossom dragons, appear in the springtime when
they bask in the beauty of spring\'s new growth. Villages where Sakura
dragons visit will hold celebrations and picnics beneath these docile
dragons\' flowered wings in honor of the season.', NULL),
(152, 'Butterfly Dragon', 2, 14, '12:00:00', '09:36:00',
'Limited\\Butterfly\\ButterflyDragonEgg.png',
'Limited\\Butterfly\\ButterflyDragonBaby.png',
'Limited\\Butterfly\\ButterflyDragonJuvenile.png',
'Limited\\Butterfly\\ButterflyDragonAdult.png', NULL, 'Flightless as
babies, the amazing butterfly dragons transform into multi-winged
magnificent creatures. They can be found fluttering around the lush
Sykie Meadows. Their large and beautiful wings are sure to attract
visitors... unless the visitor mistakes their wings for a fearsome
wingaling dragon.', NULL),
(153, 'Firework Dragon', 2, 14, '06:00:00', '04:48:00',
'Limited\\Firework\\FireworkDragonEgg.png',
'Limited\\Firework\\FireworkDragonBaby.png',
'Limited\\Firework\\FireworkDragonJuvenile.png',
'Limited\\Firework\\FireworkDragonAdult.png', NULL, 'Wizards often use
firework spells to light up the sky for celebrations. One year, a young
wizard named Vander Horck, determined to create the most magnificent
firework display in history, decided to change the spell. Upon its
casting, the spell burst high in the air with a bright red glare more
splendid than anyone could have imagined. In response to the
magnificent display, thousands of colorful firework dragons poured into
the night sky and to this day are only seen during grand
celebrations.', NULL),
(154, 'Paper Dragon', 2, 9, '12:00:00', '09:36:00',
'Limited\\Paper\\PaperDragonEgg.png',
'Limited\\Paper\\PaperDragonBaby.png',
'Limited\\Paper\\PaperDragonJuvenile.png',
'Limited\\Paper\\PaperDragonAdult.png', NULL, 'The paper dragon was
found on the anniversary of the wizards discovering the magic that
makes DragonVale possible. The paper dragon isn\'t actually made out of
paper, but derives its name from its resemblance to paper dragons
children make. Your guests are sure to do backflips with one of these
in your park.', NULL),
(155, 'Ghost Dragon', 2, 9, '15:30:00', '12:24:00',
'Limited\\Ghost\\GhostDragonEgg.png',
'Limited\\Ghost\\GhostDragonBaby.png',
'Limited\\Ghost\\GhostDragonJuvenile.png',
'Limited\\Ghost\\GhostDragonAdult.png', NULL, 'Often mistaken as the
spirit of an ancient and benevolent dragon, the ghost dragon remains
somewhat of a mystery. Reading the notes of the wizard Sam Hain, "The
ghost dragon only shows up in the middle of the Fall, usually in
conjunction with the bone dragon. My advice? Don\'t be afraid of no
ghosts!"', NULL),
(156, 'Gift Dragon', 2, 9, '12:25:00', '09:56:00',
'Limited\\Gift\\GiftDragonEgg.png',
'Limited\\Gift\\GiftDragonBaby.png',
'Limited\\Gift\\GiftDragonJuvenile.png',
'Limited\\Gift\\GiftDragonAdult.png', NULL, 'These crafty creatures
snuck into the bag of holding of the magical toymaker Sandakloz. After
being studied over the holidays, the wizards have found a way to
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counteract the singularity magic that prevented more than one existing
in the same place at the same time. Clever Wizards!', NULL),
(157, 'Century Dragon', 2, 9, '10:00:00', '08:00:00',
'Limited\\Century\\CenturyDragonEgg.png',
'Limited\\Century\\CenturyDragonBaby.png',
'Limited\\Century\\CenturyDragonJuvenile.png',
'Limited\\Century\\CenturyDragonAdult.png', NULL, 'Astounding! The
wizards have discovered the Century dragon, the 100th dragon available
to breed and display in your park. Luckily these dragons move a bit
slow or they would have been the 90th dragon. These peaceful and wise
dragons are visiting from Glacier Point but will eventually return
home, so don\'t forget to breed several for your park!', NULL),
(158, 'Rose Dragon', 2, 14, '14:00:00', '11:12:00',
'Limited\\Rose\\RoseDragonEgg.png',
'Limited\\Rose\\RoseDragonBaby.png',
'Limited\\Rose\\RoseDragonJuvenile.png',
'Limited\\Rose\\RoseDragonAdult.png', NULL, 'The witch Nadia of
Cadberry Meadows is renowned for having the greatest flower nursery in
all the land. The day after creating the Rose Topiary, she found a new
dragon in her nursery, the rose dragon. After all the effort she put
into creating the greatest topiary in the land, it was as if the
flowers themselves rewarded her for her labors. Is there a better way
to say I love you than a dragon? Probably.', NULL),
(159, 'Motley Dragon', 2, 7, '13:00:00', '10:24:00',
'Limited\\Motley\\MotleyDragonEgg.png',
'Limited\\Motley\\MotleyDragonBaby.png',
'Limited\\Motley\\MotleyDragonJuvenile.png',
'Limited\\Motley\\MotleyDragonAdult.png', NULL, 'It\'s the same old
situation, the motley dragon is of unknown origin. A crew of six
wizards has been studying them, but the results are not making them
feel good. Some wizards have a theory, which is a bit on the wild side,
that motley dragons are related to a rumored invisible dragon.', NULL),
(160, 'Terradiem Dragon', 2, 14, '24:00:00', '19:12:00',
'Limited\\Terradiem\\TerradiemDragonEgg.png',
'Limited\\Terradiem\\TerradiemDragonBaby.png',
'Limited\\Terradiem\\TerradiemDragonJuvenile.png',
'Limited\\Terradiem\\TerradiemDragonAdult.png', NULL, 'A manuscript
written 1,970 years ago depicts a great dragon that represented the
entire world and how it worked in perfect harmony. Those images have
been reused, the manuscript has been recycled among the populous,
causing a renewed interest in this great dragon. Lo and behold, the
terradiem dragon was rediscovered wandering around the Scar of the
World!', NULL),
(161, 'Bouquet Dragon', 2, 14, '09:00:00', '07:12:00',
'Limited\\Bouquet\\BouquetDragonEgg.png',
'Limited\\Bouquet\\BouquetDragonBaby.png',
'Limited\\Bouquet\\BouquetDragonJuvenile.png',
'Limited\\Bouquet\\BouquetDragonAdult.png', NULL, 'Bouquet dragons have
very nurturing instincts. They make sure every dragon that shares their
habitat is taken care of and bouquet dragons are the first dragon known
to exhibit a behavior of cleaning up after other dragons, especially
hatchling and juvenile dragons.', NULL),
(162, 'Bearded Dragon', 2, 17, '15:00:00', '12:00:00',
'Limited\\Bearded\\BeardedDragonEgg.png',
'Limited\\Bearded\\BeardedDragonBaby.png',
'Limited\\Bearded\\BeardedDragonJuvenile.png',
'Limited\\Bearded\\BeardedDragonAdult.png', NULL, 'Named by the Wizard
Pogona, bearded dragons are named for the spikes protruding from their
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jaws. They can often be found lazing about, basking in the sun. Due to
their solitary nature, they\'ve often been mischaracterized as grumpy,
but the reality couldn\'t be further from the truth. Bearded dragons
take great interest in training younger dragons making sure they stay
in line', NULL),
(163, 'Liberty Dragon', 2, 17, '29:49:00', '23:51:12',
'Limited\\Liberty\\LibertyDragonEgg.png',
'Limited\\Liberty\\LibertyDragonBaby.png',
'Limited\\Liberty\\LibertyDragonJuvenile.png',
'Limited\\Liberty\\LibertyDragonAdult.png', NULL, 'A magnificent, but
elusive beauty, the liberty dragon is a rare treasure. The liberty
dragon remains a beacon to those who choose to pursue it. If you\'re
fortunate enough to have one, display it proudly!', NULL),
(164, 'Cotton Dragon', 2, 11, '24:00:00', '19:12:00',
'Limited\\Cotton\\CottonDragonEgg.png',
'Limited\\Cotton\\CottonDragonBaby.png',
'Limited\\Cotton\\CottonDragonJuvenile.png',
'Limited\\Cotton\\CottonDragonAdult.png', NULL, 'Coinciding with the
anniversary of the magic that makes DragonVale possible is the arrival
of cotton dragons. The magical fibers that the cotton dragons shed
during this time is actually what the wizards and witches of DragonVale
make their robes out of. The touch, the feel of magic... cotton.',
NULL),
(165, 'Light Rift Dragon', 1, 12, NULL, NULL,
'Rift\\Light\\LightRiftDragonEgg.png',
'Rift\\Light\\LightRiftDragonBaby.png',
'Rift\\Light\\LightRiftDragonJuvenile.png',
'Rift\\Light\\LightRiftDragonAdult.png', NULL, 'When Light Magic was
returned to the world, rift dragons emerged, suffused with the
brilliant magical energy of Light. If you look through the dragon\'s
wings, you can catch a glimpse of the mysteries beyond the Rift.',
NULL),
(166, 'Dark Rift Dragon', 1, 21, NULL, NULL,
'Rift\\Dark\\DarkRiftDragonEgg.png',
'Rift\\Dark\\DarkRiftDragonBaby.png',
'Rift\\Dark\\DarkRiftDragonJuvenile.png',
'Rift\\Dark\\DarkRiftDragonAdult.png', NULL, 'What? Another rift
dragon? The wizards thought only the first magic would imbue rift eggs,
but so much Dark Magic was cast through the rift that a new type of
rift dragon was made possible.', NULL),
(167, 'Carnival Dragon', 2, 11, '12:00:00', '09:36:00',
'Limited\\Carnival\\CarnivalDragonEgg.png',
'Limited\\Carnival\\CarnivalDragonBaby.png',
'Limited\\Carnival\\CarnivalDragonJuvenile.png',
'Limited\\Carnival\\CarnivalDragonAdult.png', NULL, 'The first known
Carnival dragon emerged from hibernation near the end of a particularly
long and bitter winter. Spied from the ivory tower of the great wizard
Orlon, its brilliant colors and high energy snapped him out of the
gloom he\'d been lost in, contemplating the nature of Wizardkind. In
that instant, he cast off his Master\'s robes, throwing his rings and
charms and gold to the crowds who gathered to cheer him as he danced
after the dragon out of town. When he returned, the people hardly
recognized the cheerful, boisterous, and much rounder wizard as the
same gloomy Master Wizard they had known. It was said that the old
Orlon had gone forever, and the new Orlon was full of life and joy --
using his powerful magic now only for the creation of world class food
and drink. New Orlon\'s is the most popular place to celebrate to this
very day!', NULL),
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(168, 'Kite Dragon', 2, 11, '22:00:00', '17:36:00',
'Limited\\Kite\\KiteDragonEgg.png',
'Limited\\Kite\\KiteDragonBaby.png',
'Limited\\Kite\\KiteDragonJuvenile.png',
'Limited\\Kite\\KiteDragonAdult.png', NULL, 'Kite dragons get their
name from both how they look as well as how they move. When the winds
from the High Plains of Faridat are at their peak, the children of the
area construct kites to look like dragons. One spring morning, much to
the surprise of a then-young Wizard named Franklin Mozi, as their kites
reached the highest heights, two soaring dragons joined the fun and
began mimicking the flight pattern of the kites.', NULL),
(169, 'Leathery Dragon', 2, 12, '36:00:00', '28:48:00',
'Limited\\Leathery\\LeatheryDragonEgg.png',
'Limited\\Leathery\\LeatheryDragonBaby.png',
'Limited\\Leathery\\LeatheryDragonJuvenile.png',
'Limited\\Leathery\\LeatheryDragonAdult.png', NULL, 'Hailing from the
Tannis Valley, the arrival of the leathery dragons coincides with the
third anniversary of the magic of DragonVale. Wizards have been digging
into their secrets for years.', NULL),
(170, 'Nosferatu Dragon', 2, 9, '13:00:00', '10:24:00',
'Limited\\Nosferatu\\NosferatuDragonEgg.png',
'Limited\\Nosferatu\\NosferatuDragonBaby.png',
'Limited\\Nosferatu\\NosferatuDragonJuvenile.png',
'Limited\\Nosferatu\\NosferatuDragonAdult.png', NULL, 'Originally
discovered by the powerful wizard Whitbee, the nosferatu dragon
possesses an impressive pair of sweet teeth! However, there is no need
to be frightened, as their propensity to bite can be satisfied by
dragon treats!', NULL),
(171, 'Bicentennial Dragon', 2, 11, '20:00:00', '16:00:00',
'Limited\\Bicentennial\\BicentennialDragonEgg.png',
'Limited\\Bicentennial\\BicentennialDragonBaby.png',
'Limited\\Bicentennial\\BicentennialDragonJuvenile.png',
'Limited\\Bicentennial\\BicentennialDragonAdult.png', NULL, 'Rumored to
only appear every great few ages, the bicentennial dragons are among
the rarest dragons ever seen by witches and wizards. On a chance
encounter at the Garita volcano, the witch Komoria was suprised to find
the bicentennial dragons following her back to the Vale. Darting in
flight with their dual pairs of wings, these dragons rarely stay on the
ground for long. Be sure to breed one before they return to the
skies!', NULL),
(172, 'Gourd Dragon', 2, 25, '30:52:00', '24:41:36',
'Limited\\Gourd\\GourdDragonEgg.png',
'Limited\\Gourd\\GourdDragonBaby.png',
'Limited\\Gourd\\GourdDragonJuvenile.png',
'Limited\\Gourd\\GourdDragonAdult.png', NULL, 'The wizards and witches
agree: the more bumps on the dragon, the better the harvest will be!
Which is splendid news with the arrival of the gourd, as the harvest
will yield a fabulous hoard!', NULL),
(173, 'Coal Dragon', 2, 7, '12:00:00', '09:36:00',
'Limited\\Coal\\CoalDragonEgg.png',
'Limited\\Coal\\CoalDragonBaby.png',
'Limited\\Coal\\CoalDragonJuvenile.png',
'Limited\\Coal\\CoalDragonAdult.png', NULL, 'It is said that before the
discovery of magic, humans relied on far more crude ways of meeting
their needs. They burned a black stone called coal, named for the coal
dragons whose skin it so resembles. This time of year, the wizards
exchange coal dragon eggs with each other to remember hardships endured
by those who lacked the companionship of dragons.', NULL),
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(174, 'Thorn Dragon', 2, 11, '07:00:00', '05:36:00',
'Limited\\Thorn\\ThornDragonEgg.png',
'Limited\\Thorn\\ThornDragonBaby.png',
'Limited\\Thorn\\ThornDragonJuvenile.png',
'Limited\\Thorn\\ThornDragonAdult.png', NULL, 'As the thorn protects
the rose, so does the thorn dragon protect its companions. Fiercely
loyal, this dragon will never leave the side of those it considers to
be friends. Those friends, however, have learned to be cautious when
receiving embraces.', NULL),
(175, 'Seed Dragon', 3, 21, '18:00:00', '14:24:00',
'Epic\\Seasonal\\Seed\\SeedDragonEgg.png',
'Epic\\Seasonal\\Seed\\SeedDragonBaby.png',
'Epic\\Seasonal\\Seed\\SeedDragonJuvenile.png',
'Epic\\Seasonal\\Seed\\SeedDragonAdult.png', NULL, 'The seed dragons
have proven to be a great boon for the forests of the world below. This
dragon is perpetually dusted with tree seeds, which flitter far away
with the wind when the dragon takes flight. Wizards have scried that
new groves are appearing and even the ancient Great Forest is ringed by
new saplings.', NULL),
(176, 'Darkling Dragon', 2, 11, '14:00:00', '11:12:00',
'Limited\\Darkling\\DarklingDragonEgg.png',
'Limited\\Darkling\\DarklingDragonBaby.png',
'Limited\\Darkling\\DarklingDragonJuvenile.png',
'Limited\\Darkling\\DarklingDragonAdult.png', NULL, 'The High Plains of
Faridat were visited by a frightening phenomenon that saw lightning
bursts fly up from the ground and into the sky. The dwellers there
named them "Darkling" strikes and would run indoors when the shocks
came. That is, until Professor Olivine discovered a sneaky group of
hybrid dragons were the source. The good professor gathered them in
DragonVale, where their talents could be used to amaze rather than
terrify.', NULL),
(177, 'Faire Dragon', 2, 18, '54:00:00', '43:12:00',
'Limited\\Faire\\FaireDragonEgg.png',
'Limited\\Faire\\FaireDragonBaby.png',
'Limited\\Faire\\FaireDragonJuvenile.png',
'Limited\\Faire\\FaireDragonAdult.png', NULL, 'Step right up, step
right up! Feast your eyes on the fabulous faire dragon! Fleet in
flight, though never fleeting, it\'s faithful to friends for whom it
fervently fends, without ever fearing or fleeting. But first and
foremost, folks will find, festivals and feasts are its favorite
pastime.', NULL),
(178, 'Tidal Dragon', 2, 25, '15:00:00', '12:00:00',
'Limited\\Tidal\\TidalDragonEgg.png',
'Limited\\Tidal\\TidalDragonBaby.png',
'Limited\\Tidal\\TidalDragonJuvenile.png',
'Limited\\Tidal\\TidalDragonAdult.png', NULL, 'The ancient village of
Kamgwa in the Shimmering Isles used to keep a shrine dedicated to the
Great Wave. This enchanted tide would wash onto the island every
summer, mysteriously bringing fresh water from the salty sea. This
perennial event kept the villagers\' farms watered and made permanent
living on the island possible. We now know that this was likely the
work of a migrating Tidal Dragon, which has been known to splash entire
coastlines whilst playing. If only it knew that its annual playtime was
responsible for an entire culture!', NULL),
(179, 'Garland Dragon', 2, 12, '24:00:00', '19:12:00',
'Limited\\Garland\\GarlandDragonEgg.png',
'Limited\\Garland\\GarlandDragonBaby.png',
'Limited\\Garland\\GarlandDragonJuvenile.png',
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'Limited\\Garland\\GarlandDragonAdult.png', NULL, 'Gallantly gathering
fruit and flora to celebrate the 4th anniversary of magic at
DragonVale, the witch Gardenia stumbled upon an incredibly beautiful
and particularly stubborn bushel of blossoms to pick. Nestled deep in
the verdant vines of an ancient, magical tree, the Garland Dragon was
awoken by Gardenia. The majestic creature stood up and Gardenia
instantly knew this guest would guarantee a grandiose celebration.',
NULL);
INSERT INTO `dragon` (`DragonID`, `DragonName`, `TypeID`,
`UnlockLevel`, `BreedTimeReg`, `BreedTimeUpgrade`, `EggImage`,
`BabyImage`, `TeenImage`, `AdultImage`, `ElderImage`, `Description`,
`Notes`) VALUES
(180, 'Spectre Dragon', 2, 11, '03:00:00', '02:24:00',
'Limited\\Spectre\\SpectreDragonEgg.png',
'Limited\\Spectre\\SpectreDragonBaby.png',
'Limited\\Spectre\\SpectreDragonJuvenile.png',
'Limited\\Spectre\\SpectreDragonAdult.png', NULL, 'Once upon a dark
night foggy, Nogard awoke, worn and groggy,\r\nAnd looked about at
scrolls and tomes of ancient dragon lore.\r\nWile he drifted, nearly
sleeping, came a sound, the sound of creaking,\r\nA sound as if some
thing were sneaking, sneaking near his tower door.\r\n"Tis some
visitor", he mumbled, "creeping in the foggy moor-\r\nOnly this, and
nothing more."\r\nGath\'ring his courage (and his beard) Nogard stood
to see what neared,\r\nAnd looked out his tower window at the distant
foggy moor.\r\nThen a form came from the dark, ghostly pallored, eerily
stark,\r\nA shade which made Nogard remark, "What dread awaits me, in
my park?"\r\nHe grabbed his cloak and staff and said, "There\'s only
one way to be sure."\r\nAnd then he walked upon the moor.\r\n\r\nFrom
the dark there came a grumble, a soft and low kind of rumble,\r\nNogard
almost took a stumble, out in the foggy moor.\r\nNogard peered into the
black, and what he saw took him aback,\r\nA hungry spectre dragon pack,
to which he sighed and threw a snack.\r\nNogard called out to the
dragons as he walked back to the door,\r\n"That\'s all you get, and
nothing more!"', NULL),
(181, 'Lycan Dragon', 2, 11, '12:00:00', '09:36:00',
'Limited\\Lycan\\LycanDragonEgg.png',
'Limited\\Lycan\\LycanDragonBaby.png',
'Limited\\Lycan\\LycanDragonJuvenile.png',
'Limited\\Lycan\\LycanDragonAdult.png', NULL, 'Shortly after the first
lycan dragon was brought to DragonVale, the park caretakers were
stumped by a creepy conundrum. Every night, a whole batch of treats
would go missing. Nobody suspected this scrawny dragon of such ravenous
behavior... until they watched it at night. Do you know where we get
the expression \'hungry like the lycan dragon\'? Come by after sunset,
if you dare, and then you\'ll see.', NULL),
(182, 'Ortreat Dragon', 2, 11, '15:00:00', '12:00:00',
'Limited\\Ortreat\\OrtreatDragonEgg.png',
'Limited\\Ortreat\\OrtreatDragonBaby.png',
'Limited\\Ortreat\\OrtreatDragonJuvenile.png',
'Limited\\Ortreat\\OrtreatDragonAdult.png', NULL, 'The most delicious
candies in all of DragonVale were once made by the confectioner
Ortreat, who only shared them with his special pack of hybrid dragons.
One day, some clever kids hatched a plan to get the coveted confections
with a set of baby dragon costumes. When Ortreat saw the shoddily sewn
dragonlings ambling about, his heart softened and he played along,
sharing his treats with the ingenious little \'dragons\'. Even long
after Ortreat moved on, the tradition of costumes and candy remained.
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To this day, young witches and wizards wait all year for the autumn
night when they can go out and \'trick Ortreat\'.', NULL),
(183, 'Trick Dragon', 2, 11, '15:00:00', '12:00:00',
'Limited\\Trick\\TrickDragonEgg.png',
'Limited\\Trick\\TrickDragonBaby.png',
'Limited\\Trick\\TrickDragonJuvenile.png',
'Limited\\Trick\\TrickDragonAdult.png', NULL, 'Captain Admar received a
promotion for discovering this weird and wonderful little dragon. As
the dragon ages, it gains an extra set of eyes and a bigger... smile.
The adult trick dragon\'s little snout may seem cute and huggable, but
be wary. As the good Admiral said, "It\'s a trick!"', NULL),
(184, 'Harvest Dragon', 2, 14, '18:00:00', '14:24:00',
'Limited\\Harvest\\HarvestDragonEgg.png',
'Limited\\Harvest\\HarvestDragonBaby.png',
'Limited\\Harvest\\HarvestDragonJuvenile.png',
'Limited\\Harvest\\HarvestDragonAdult.png', NULL, 'The harvest dragon
has a peculiar penchant for pulling plants from the ground. Long ago,
clever farmers would line up their fields with the harvest dragon\'s
migratory paths. This would save them days of labor and the harvest
dragons would be rewarded with piles of treats. The farmers would have
to take care to send the dragons on their way eventually, lest any
stragglers stayed to \'harvest\' freshly planted crops!', NULL),
(185, 'Feast Dragon', 2, 21, '24:00:00', '19:12:00',
'Limited\\Feast\\FeastDragonEgg.png',
'Limited\\Feast\\FeastDragonBaby.png',
'Limited\\Feast\\FeastDragonJuvenile.png',
'Limited\\Feast\\FeastDragonAdult.png', NULL, 'When visiting the feast
dragon in its habitat, it\'s wise to bring a snack, or even an entire
picnic. The aura that wafts from this dragon strikes people with a
nearly insatiable hunger. Smart park-planners place a DragINN nearby to
help any voracious visitors. It might also be wise to stock up on some
stretchy wizard robes.', NULL),
(186, 'Holly Dragon', 2, 11, '24:00:00', '19:12:00',
'Limited\\Holly\\HollyDragonEgg.png',
'Limited\\Holly\\HollyDragonBaby.png',
'Limited\\Holly\\HollyDragonJuvenile.png',
'Limited\\Holly\\HollyDragonAdult.png', NULL, 'Witches and wizards have
long admired the festive appearance of the holly dragon. Given its
preference for sleeping curled up in a circle, this docile dragon is
often mistaken for a decorative winter wreath. Once, Dragonvale\'s
resident expert in magical shrubs and herbs, Andi Eyevee, mistook a
pile of sleeping holly dragons for a wreath delivery. She got quite a
surprise when she tried to lift the snoozing dragons into her
wheelbarrow!', NULL),
(187, 'Regift Dragon', 2, 11, '12:00:00', '09:36:00',
'Limited\\Regift\\RegiftDragonEgg.png',
'Limited\\Regift\\RegiftDragonBaby.png',
'Limited\\Regift\\RegiftDragonJuvenile.png',
'Limited\\Regift\\RegiftDragonAdult.png', NULL, 'Contrary to its
festive resemblance to the gift dragon, the regift dragon is actually
an entirely separate breed hailing from the northwest. Gift dragons, as
every witch and wizards knows, hail from the northeast. Completely
different, you see. No relation whatsoever. Just a happy coincidence.',
NULL),
(188, 'Neoteric Dragon', 2, 11, '31:00:00', '24:48:00',
'Limited\\Neoteric\\NeotericDragonEgg.png',
'Limited\\Neoteric\\NeotericDragonBaby.png',
'Limited\\Neoteric\\NeotericDragonJuvenile.png',
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'Limited\\Neoteric\\NeotericDragonAdult.png', NULL, 'This festive
dragon is regarded as one of DragonVale\'s most jubilant breeds. Every
neoteric dragon is born with its very own multifaceted magical mirror
ball, which is powered by a spell of unwaning wubwub and ensures that
this jovial dragon is always the life of the habitat. Witches and
wizards often resolve to be more like the neoteric dragon, but the
resolution doesn\'t always stick. Maybe next year?', NULL),
(189, 'Shield Dragon', 2, 17, '13:30:00', '10:48:00',
'Limited\\Shield\\ShieldDragonEgg.png',
'Limited\\Shield\\ShieldDragonBaby.png',
'Limited\\Shield\\ShieldDragonJuvenile.png',
'Limited\\Shield\\ShieldDragonAdult.png', NULL, 'Arriving in a fury in
the nick of time comes the shield dragon! This dragon is strong,
honorable, interesting, elegant, loyal, and devoted. This dragon\'s
scales are smooth yet cold to the touch, as if they were made of
iron.', NULL),
(190, 'Nether Dragon', 2, 18, '12:00:00', '09:36:00',
'Limited\\NetherDragonEgg.png', 'Limited\\NetherDragonBaby.png',
'Limited\\NetherDragonJuvenile.png', 'Limited\\NetherDragonAdult.png',
NULL, 'The nether dragon is a peculiar breed: super strong, resistant
to fire, bestowed with enhanced sight, capable of understanding the
words "dragon treat" in numerous ancient magical languages. Given its
strange traits, Valefolk like to speculate that this dragon came from
the netherworld, but no one is quite sure. Perhaps the biggest mystery
is why the word "pancakes" in any language gets this dragon riled up.
Heck of a thing.', NULL),
(191, 'Mountain Sun Dragon', 2, 11, '22:00:00', '17:36:00',
'Limited\\MountainSunDragonEgg.png',
'Limited\\MountainSunDragonBaby.png',
'Limited\\MountainSunDragonJuvenile.png',
'Limited\\MountainSunDragonAdult.png', NULL, 'Motto of the House of the
Mountain Sun: "Strong and Shining"\r\n\r\nThe motto of the House of the
Mountain Sun takes its inspiration from the mountain sun dragon, and
for obvious reasons. Have you ever seen a jaw so chiseled or a coat of
scales so luminous? Pure magnificence!', NULL),
(192, 'Wyrmwood Dragon', 2, 9, '18:00:00', '14:24:00',
'Limited\\Wyrmwood\\WyrmwoodDragonEgg.png',
'Limited\\Wyrmwood\\WyrmwoodDragonBaby.png',
'Limited\\Wyrmwood\\WyrmwoodDragonJuvenile.png',
'Limited\\Wyrmwood\\WyrmwoodDragonAdult.png', NULL, 'The discovery of
the wyrmwood dragon coincides with the fifth anniversary of the day
magic first blossomed in the Vale. Supposedly, this dragon\'s tangled
tail can only be untangled by the magic of a wizard called Vert. E.
LaFée, but he hasn\'t been seen in years. The wyrmwood seems to have
fun with it, though---just look at those awesome aerial acrobatics!',
NULL),
(193, 'Mistletoe Dragon', 2, 9, '08:00:00', '06:24:00',
'Limited\\Mistletoe\\MistletoeDragonEgg.png',
'Limited\\Mistletoe\\MistletoeDragonBaby.png',
'Limited\\Mistletoe\\MistletoeDragonJuvenile.png',
'Limited\\Mistletoe\\MistletoeDragonAdult.png', NULL, 'Mistletoe
dragons are a mischievous lot and the subject of many a myth. Some
people believe they bring luck, some people believe they bring love,
others still believe they can end conflict simply by being near. The
only thing we know for certain is they love to take Tree Dragon treats
when they aren\'t looking.', NULL),
(194, 'Arbor Dragon', 2, 9, '10:00:00', '08:00:00',
'Limited\\Arbor\\ArborDragonEgg.png',
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'Limited\\Arbor\\ArborDragonBaby.png',
'Limited\\Arbor\\ArborDragonJuvenile.png',
'Limited\\Arbor\\ArborDragonAdult.png', NULL, 'The Arbor dragon was
first discovered deep in the southern Forests of Schloss, using its
tusks to root up mushrooms. Due to their magic affinity with plants,
any forest or grove they live in is lush and healthy, just be careful
of putting them too close to your garden, they love to dig for
snacks.', NULL),
(195, 'Emerald Dragon', 3, 11, '31:00:00', '24:48:00',
'Gemstone\\Emerald\\EmeraldDragonEgg.png',
'Gemstone\\Emerald\\EmeraldDragonBaby.png',
'Gemstone\\Emerald\\EmeraldDragonJuvenile.png',
'Gemstone\\Emerald\\EmeraldDragonAdult.png', NULL, 'Should you be lucky
enough to breed an emerald dragon, you may notice they\'re imbued with
a special magic from the Shimmering Isles. Small but powerful, the
emerald dragon magically generates gems...making it, and other gemstone
dragons, the most sought after dragons in all the land. Emerald dragons
originate from the crystal forests hidden within the Sedna Mountains.
This dragon cannot breed at this time.', NULL),
(196, 'Pearl Dragon', 3, 14, '30:00:00', '24:00:00',
'Gemstone\\Pearl\\PearlDragonEgg.png',
'Gemstone\\Pearl\\PearlDragonBaby.png',
'Gemstone\\Pearl\\PearlDragonJuvenile.png',
'Gemstone\\Pearl\\PearlDragonAdult.png', NULL, 'Pearl dragons are known
for being some of the most playful and friendly dragons in all the
land. If you ever see them in the wild, the chances are high that they
will be racing other gemstone dragons near the sea surrounding the
Shimmering Isles. This year the pearl dragon was able to beat the
alexandrite dragon and our wizards cast an amazing spell to allow you
to breed them. This dragon cannot breed at this time.', NULL),
(197, 'Ruby Dragon', 3, 17, '31:00:00', '24:48:00',
'Gemstone\\Ruby\\RubyDragonEgg.png',
'Gemstone\\Ruby\\RubyDragonBaby.png',
'Gemstone\\Ruby\\RubyDragonJuvenile.png',
'Gemstone\\Ruby\\RubyDragonAdult.png', NULL, 'The ruby dragon was
discovered deep in the Mogok Caves by an old wizard who simply went by
the name Mohs. He quickly learned the error of reaching for rubies when
they are attached to the tail of a dragon. This dragon cannot breed at
this time.', NULL),
(198, 'Peridot Dragon', 3, 11, '31:00:00', '24:48:00',
'Gemstone\\Peridot\\PeridotDragonEgg.png',
'Gemstone\\Peridot\\PeridotDragonBaby.png',
'Gemstone\\Peridot\\PeridotDragonJuvenile.png',
'Gemstone\\Peridot\\PeridotDragonAdult.png', NULL, 'Professor Olivine
first discovered the peridot dragon while researching a thorny plant in
the High Plains of Faridat. These proud and august creatures can be
seen headbutting each other in the wild as a display of their strength
and magnificence... or maybe they\'re just tired of being confused with
emerald dragons. This dragon cannot breed at this time.', NULL),
(199, 'Sapphire Dragon', 3, 14, '30:00:00', '24:00:00',
'Gemstone\\Sapphire\\SapphireDragonEgg.png',
'Gemstone\\Sapphire\\SapphireDragonBaby.png',
'Gemstone\\Sapphire\\SapphireDragonJuvenile.png',
'Gemstone\\Sapphire\\SapphireDragonAdult.png', NULL, 'The wizard Mohs
went to the Shimmering Isles looking for unique gem to craft into a
ring for Yogo, a witch he fancied. Reaching to grab a star sapphire, he
grabbed the horn of a sapphire dragon. Mohs might need a spell to
correct his vision. This dragon cannot breed at this time.', NULL),
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(200, 'Opal Dragon', 3, 14, '31:00:00', '24:48:00',
'Gemstone\\Opal\\OpalDragonEgg.png',
'Gemstone\\Opal\\OpalDragonBaby.png',
'Gemstone\\Opal\\OpalDragonJuvenile.png',
'Gemstone\\Opal\\OpalDragonAdult.png', NULL, 'Opal dragons are said to
be capable of displaying every color in the visible spectrum. In fact
they\'re even supposed to be able to exhibit some invisible ones as
well! Some say that invisible dragons are really just opal dragons
parading around in these...harder to see colors. Our wizards can
neither confirm nor deny this rumor. This dragon cannot breed at this
time.', NULL),
(201, 'Topaz Dragon', 3, 11, '30:00:00', '24:00:00',
'Gemstone\\Topaz\\TopazDragonEgg.png',
'Gemstone\\Topaz\\TopazDragonBaby.png',
'Gemstone\\Topaz\\TopazDragonJuvenile.png',
'Gemstone\\Topaz\\TopazDragonAdult.png', NULL, 'On the edge of the
Shimmering Isles, in the Crimson Sea, one of smaller, more mysterious
islands is home to the topaz dragons. Due to their isolation, topaz
dragons are a bit shy, but eventually they warm up and are one of the
friendliest dragons in existence. This dragon cannot breed at this
time.', NULL),
(202, 'Turquoise Dragon', 3, 14, '31:00:00', '24:48:00',
'Gemstone\\Turquoise\\TurquoiseDragonEgg.png',
'Gemstone\\Turquoise\\TurquoiseDragonBaby.png',
'Gemstone\\Turquoise\\TurquoiseDragonJuvenile.png',
'Gemstone\\Turquoise\\TurquoiseDragonAdult.png', NULL, 'Turquoise
dragons inhabit the arid Khorasan region of the Shimmering Isles and
are the oldest known gemstone dragons. Fun fact, despite their dry
climate, their skin is the smoothest of all the dragons. This dragon
cannot breed at this time.', NULL),
(203, 'Garnet Dragon', 3, 14, '31:00:00', '24:48:00',
'Gemstone\\Garnet\\GarnetDragonEgg.png',
'Gemstone\\Garnet\\GarnetDragonBaby.png',
'Gemstone\\Garnet\\GarnetDragonJuvenile.png',
'Gemstone\\Garnet\\GarnetDragonAdult.png', NULL, 'First discovered in
several inlets of the Shimmering Isles, Garnet dragons were initially
believed unsuitable for parks because of their abrasive attitudes.
Fortunately, the witch Amalthea showed how to properly tame and care
for these beautiful creatures. Ever since, wizards have found these
dragons to be a blast! This dragon cannot breed at this time.', NULL),
(204, 'Amethyst Dragon', 3, 14, '28:00:00', '22:24:00',
'Gemstone\\Amethyst\\AmethystDragonEgg.png',
'Gemstone\\Amethyst\\AmethystDragonBaby.png',
'Gemstone\\Amethyst\\AmethystDragonJuvenile.png',
'Gemstone\\Amethyst\\AmethystDragonAdult.png', NULL, 'Whilst exploring
the Gerias Mines, the enchantress Gigi Ode came across a spherical
chamber completely covered in purple hued crystals. She quickly came to
the realization that she was, in fact, surrounded by a plethora of
amethyst dragons. This dragon cannot breed at this time.', NULL),
(205, 'Diamond Dragon', 3, 17, '30:00:00', '24:00:00',
'Gemstone\\Diamond\\DiamondDragonEgg.png',
'Gemstone\\Diamond\\DiamondDragonBaby.png',
'Gemstone\\Diamond\\DiamondDragonJuvenile.png',
'Gemstone\\Diamond\\DiamondDragonAdult.png', NULL, 'A helpless
romantic, the wizard Adam Anteen always loved diamond dragons.
Unfortunately, these beautiful creatures are hard headed and refuse to
live anywhere outside the frozen highlands. Under a lot of pressure
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Anteen discovered a way these incredible dragons can live on the
Gemstone Island. This dragon cannot breed at this time.', NULL),
(206, 'Jade Dragon', 3, 14, '30:00:00', '24:00:00',
'Gemstone\\Jade\\JadeDragonEgg.png',
'Gemstone\\Jade\\JadeDragonBaby.png',
'Gemstone\\Jade\\JadeDragonJuvenile.png',
'Gemstone\\Jade\\JadeDragonAdult.png', NULL, 'The jade dragon\'s varied
shades of green camouflage them so well that discovering them on the
lush, overgrown Isle of Ulmek came as quite a shock. Imagine the
surprise at finding a thirteenth gemstone dragon! For some reason, the
coalescence of magic that makes jade dragons available lasts longer
than the other gemstone breeds. This dragon cannot breed at this
time.', NULL),
(207, 'Jet Dragon', 3, 11, '30:00:00', '24:00:00',
'Gemstone\\Jet\\JetDragonEgg.png', 'Gemstone\\Jet\\JetDragonBaby.png',
'Gemstone\\Jet\\JetDragonJuvenile.png',
'Gemstone\\Jet\\JetDragonAdult.png', NULL, 'The jet dragon was first
discovered shortly after the Cataclysm. The wizard Lignius found a
smooth, black stone amid the pulverized trees near the Scar. That stone
turned out to be a jet dragon egg! This dragon cannot breed at this
time.', NULL),
(208, 'Lapis Dragon', 3, 11, '32:00:00', '25:36:00',
'Gemstone\\Lapis\\LapisDragonEgg.png',
'Gemstone\\Lapis\\LapisDragonBaby.png',
'Gemstone\\Lapis\\LapisDragonJuvenile.png',
'Gemstone\\Lapis\\LapisDragonAdult.png', NULL, 'The controversial
wizard Pablue Pickaxe is said to have studied nothing but the azure
Lapis dragon for the longest period of his time as master of the
Academy. Despite the eccentric distortions his spells wove, his work
was greatly admired and influences wizards to this day. Some say he was
inspired by the images of the noble dragon found frequently in the
ancient desert monuments Pickaxe made his home. This dragon cannot
breed at this time.', NULL),
(209, 'Ovalith Dragon', 3, 12, '30:00:00', '24:00:00',
'Gemstone\\Ovalith\\OvalithDragonEgg.png',
'Gemstone\\Ovalith\\OvalithDragonBaby.png',
'Gemstone\\Ovalith\\OvalithDragonJuvenile.png',
'Gemstone\\Ovalith\\OvalithDragonAdult.png', NULL, 'The Ovalith Dragon
has not been seen in the world since the Age of Myth! Awakened from
their aeons-long slumber, these graceful and stately dragons may well
be the last of their kind, treat them well! This dragon cannot breed at
this time.', NULL),
(210, 'Aquamarine Dragon', 3, 14, '31:00:00', '24:48:00',
'Gemstone\\Aquamarine\\AquamarineDragonEgg.png',
'Gemstone\\Aquamarine\\AquamarineDragonBaby.png',
'Gemstone\\Aquamarine\\AquamarineDragonJuvenile.png',
'Gemstone\\Aquamarine\\AquamarineDragonAdult.png', NULL, 'Adrift in the
Sea of Kimzar with no help in sight, the water wizard Koostow despaired
that his latest magical experiment hadn\'t gone quite as he had
planned. Much to his surprise, he was lifted from the icy waters on the
back of an Aquamarine dragon and rescued. To return the favor, Koostow
worked hard to make sure these dragons would be comfortable living on
the Gemstone Island. This dragon cannot breed at this time.', NULL),
(211, 'Amber Dragon', 3, 11, '30:26:15', '24:21:00',
'Gemstone\\Amber\\AmberDragonEgg.png',
'Gemstone\\Amber\\AmberDragonBaby.png',
'Gemstone\\Amber\\AmberDragonJuvenile.png',
'Gemstone\\Amber\\AmberDragonAdult.png', NULL, 'First discovered in the
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Drakar Forest, the amber dragon is one of the oldest specimens of
dragonkind. The amber dragon\'s skin slowly hardens as the dragon ages,
sometimes trapping remnants from the ancient world. This dragon cannot
breed at this time.', NULL),
(212, 'Rainbow Dragon', 3, 11, '48:00:00', '38:24:00',
'Epic\\Rainbow\\Rainbow\\RainbowDragonEgg.png',
'Epic\\Rainbow\\Rainbow\\RainbowDragonBaby.png',
'Epic\\Rainbow\\Rainbow\\RainbowDragonJuvenile.png',
'Epic\\Rainbow\\Rainbow\\RainbowDragonAdult.png', NULL, 'Normal words
cannot begin to describe the resplendence of this, rarest type of all
dragons. The first person to ever witness one stared for hours before
running home to send a poet to describe the beast. When the poet
arrived, the dragon had left without a trace, leading many to believe
that the explorer made up the whole story. Only years later do we now
realize that he wasn\'t crazy at all!', NULL),
(213, 'Sun Dragon', 3, 10, '48:00:00', '38:24:00',
'Epic\\SunMoon\\Sun\\SunDragonEgg.png',
'Epic\\SunMoon\\Sun\\SunDragonBaby.png',
'Epic\\SunMoon\\Sun\\SunDragonJuvenile.png',
'Epic\\SunMoon\\Sun\\SunDragonAdult.png', NULL, 'Ancient tradition
tells us that the first sun dragon existed before the world was formed,
flying across the empty night sky until it met the first moon dragon.
Together they created a world that they could share. Descendants of
these original dragons are so rare they even require special conditions
to be bred at all!', NULL),
(214, 'Moon Dragon', 3, 10, '48:00:00', '38:24:00',
'Epic\\SunMoon\\Moon\\MoonDragonEgg.png',
'Epic\\SunMoon\\Moon\\MoonDragonBaby.png',
'Epic\\SunMoon\\Moon\\MoonDragonJuvenile.png',
'Epic\\SunMoon\\Moon\\MoonDragonAdult.png', NULL, 'The first mythical
moon dragon was so enchanting that the first sun dragon created the
world and stars for the two of them to share. But their magic was so
strong that they had to separate themselves or risk destroying
everything. Legend claims that they became the sun and moon and their
descendants now live in our world.', NULL),
(215, 'Gold Dragon', 3, 17, '48:00:00', '38:24:00',
'Epic\\Treasure\\Gold\\GoldDragonEgg.png',
'Epic\\Treasure\\Gold\\GoldDragonBaby.png',
'Epic\\Treasure\\Gold\\GoldDragonJuvenile.png',
'Epic\\Treasure\\Gold\\GoldDragonAdult.png', NULL, 'The world famous
treasure hunter, Thatche, was finding some of his spoils disappearing
at night; with no sign of thieves he decided to pretend sleep in order
to find out what was causing his treasure to vanish. To Thatche\'s
surprise, he witnessed a massive golden dragon swoop in and fly off
with as much as it could carry! The wizards found later that gold
dragons steal because they sleep on piles of gold for pillows.', NULL),
(216, 'Bronze Olympus Dragon', 3, 17, '35:00:00', '28:00:00',
'Epic\\Olympus\\Bronze\\BronzeOlympusDragonEgg.png',
'Epic\\Olympus\\Bronze\\BronzeOlympusDragonBaby.png',
'Epic\\Olympus\\Bronze\\BronzeOlympusDragonJuvenile.png',
'Epic\\Olympus\\Bronze\\BronzeOlympusDragonAdult.png', NULL, 'The
majestic olympus dragon. These rare dragons were discovered at the top
of Mount Oly and three distinct types are known to exist. This bronze
variation is said to be the most common.', NULL),
(217, 'Silver Olympus Dragon', 3, 17, '35:00:00', '28:00:00',
'Epic\\Olympus\\Silver\\SilverOlympusDragonEgg.png',
'Epic\\Olympus\\Silver\\SilverOlympusDragonBaby.png',
'Epic\\Olympus\\Silver\\SilverOlympusDragonJuvenile.png',
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'Epic\\Olympus\\Silver\\SilverOlympusDragonAdult.png', NULL, 'The
majestic olympus dragon. These rare dragons were discovered at the top
of Mount Oly and three distinct types are known to exist. This silver
variation is said to be slightly more common than the gold.', NULL),
(218, 'Gold Olympus Dragon', 3, 17, '35:00:00', '28:00:00',
'Epic\\Olympus\\Gold\\GoldOlympusDragonEgg.png',
'Epic\\Olympus\\Gold\\GoldOlympusDragonBaby.png',
'Epic\\Olympus\\Gold\\GoldOlympusDragonJuvenile.png',
'Epic\\Olympus\\Gold\\GoldOlympusDragonAdult.png', NULL, 'The majestic
olympus dragon. Forged in the fires of Mount D...wait...that\'s the
wrong scroll, sorry about that. The ancient breed of Olympus dragons
are fierce competitors in the wild, although when teamwork is called
for, no dragon is more focused than an Olympus dragon. The Gold variety
is the largest and rarest form of this type of dragon.', NULL),
(219, 'Seasonal Dragon', 3, 14, '48:00:00', '38:24:00',
'Epic\\Seasonal\\Seasonal\\SeasonalDragonEgg.png',
'Epic\\Seasonal\\Seasonal\\SpringSeasonalDragonBaby.png',
'Epic\\Seasonal\\Seasonal\\SpringSeasonalDragonJuvenile.png',
'Epic\\Seasonal\\Seasonal\\SpringSeasonalDragonAdult.png', NULL, 'It
took the wizards a long time to understand and categorize the seasonal
dragon because of its amazing ability to change with the seasons.
Although this particular variety seems to follow the patterns of the
Northern hemisphere, there are rumours of a cousin on the opposite
schedule.', NULL),
(220, 'Silver Dragon', 3, 17, '47:00:00', '37:36:00',
'Epic\\Treasure\\Silver\\SilverDragonEgg.png',
'Epic\\Treasure\\Silver\\SilverDragonBaby.png',
'Epic\\Treasure\\Silver\\SilverDragonJuvenile.png',
'Epic\\Treasure\\Silver\\SilverDragonAdult.png', NULL, 'The Great Witch
Rudna was having a dream about potions and her famous Parkes Poultice
when she awoke to an amazing sight. A silver dragon helping a gold
dragon carry away some of Thatche\'s treasure. Little did she know, it
was the first sighting of a second treasure dragon.', NULL),
(221, 'Platinum Dragon', 3, 17, '49:00:00', '39:12:00',
'Epic\\Treasure\\Platinum\\PlatinumDragonEgg.png',
'Epic\\Treasure\\Platinum\\PlatinumDragonBaby.png',
'Epic\\Treasure\\Platinum\\PlatinumDragonJuvenile.png',
'Epic\\Treasure\\Platinum\\PlatinumDragonAdult.png', NULL, 'While
exploring a cave, deep in the middle of the Berrywhite Mountains, the
explorer Antonio von Sickengen discovered a third treasure dragon; the
platinum. After achieving his fame with the platinum dragon, Antonio
retired to a quiet life raising and studying quicksilver dragons.',
NULL),
(222, 'Cyclops Dragon', 3, 17, '33:00:00', '26:24:00',
'Epic\\Olympus\\Cyclops\\CyclopsDragonEgg.png',
'Epic\\Olympus\\Cyclops\\CyclopsDragonBaby.png',
'Epic\\Olympus\\Cyclops\\CyclopsDragonJuvenile.png',
'Epic\\Olympus\\Cyclops\\CyclopsDragonAdult.png', NULL, 'The cyclops
dragon was first discovered when one visited the renowned wizard
Harry\'s house. They immediately saw eye to eye. Harry labored over a
spell that would allow them to thrive in Olympus habitats. Fun fact:
Harry spends most of his efforts in creating a spell that will pause
time.', NULL),
(223, 'Double Rainbow Dragon', 3, 11, '60:00:00', '48:00:00',
'Epic\\Rainbow\\DoubleRainbow\\DoubleRainbowDragonEgg.png',
'Epic\\Rainbow\\DoubleRainbow\\DoubleRainbowDragonBaby.png',
'Epic\\Rainbow\\DoubleRainbow\\DoubleRainbowDragonJuvenile.png',
'Epic\\Rainbow\\DoubleRainbow\\DoubleRainbowDragonAdult.png', NULL,
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'Dismissed as wild speculation, muddled magic or the mad ravings of the
witch Zamora, the rarest of the rare dragons, the double rainbow dragon
is a magical marvel. After glimpsing one as a child, Zamora devoted the
rest of her life searching for this most elusive dragon. She has
finally succeeded and worked a complex spell to allow them to be
bred.', NULL),
(224, 'Electrum Dragon', 3, 17, '47:30:00', '38:00:00',
'Epic\\Treasure\\Electrum\\ElectrumDragonEgg.png',
'Epic\\Treasure\\Electrum\\ElectrumDragonBaby.png',
'Epic\\Treasure\\Electrum\\ElectrumDragonJuvenile.png',
'Epic\\Treasure\\Electrum\\ElectrumDragonAdult.png', NULL, 'While
experimenting with lightning magic, three wizard brothers from the
Stater family attracted the attention of an electrum dragon. Shocked at
the discovery of a new Treasure dragon, they quickly dispatched in all
directions to inform everyone of this new, epic breed.', NULL),
(225, 'Ouroboros Dragon', 3, 17, '26:24:00', '21:07:12',
'Epic\\Apocalypse\\Ouroboros\\OuroborosDragonEgg.png',
'Epic\\Apocalypse\\Ouroboros\\OuroborosDragonBaby.png',
'Epic\\Apocalypse\\Ouroboros\\OuroborosDragonJuvenile.png',
'Epic\\Apocalypse\\Ouroboros\\OuroborosDragonAdult.png', NULL,
'Scholars agree the hatching of the first Ouroboros dragon coincided
with the day the Scar of the World was created. Some call them a
harbinger of ill, but even more say they are a living prophecy;
promising that someday the Scar will be healed.', NULL),
(226, 'Bronze Dragon', 3, 17, '46:00:00', '36:48:00',
'Epic\\Treasure\\Bronze\\BronzeDragonEgg.png',
'Epic\\Treasure\\Bronze\\BronzeDragonBaby.png',
'Epic\\Treasure\\Bronze\\BronzeDragonJuvenile.png',
'Epic\\Treasure\\Bronze\\BronzeDragonAdult.png', NULL, 'Bronze dragons
are extremely playful. The toymaker Lerner has spent years trying to
create a toy strong enough for bronze dragons. Unfortunately, park
owners report that none of the toys have lasted more than 10 minutes.
Back to the drawing board.', NULL),
(227, 'Snowy Bronze Dragon', 3, 17, '32:00:00', '25:36:00',
'Epic\\Olympus\\SnowyBronze\\SnowyBronzeDragonEgg.png',
'Epic\\Olympus\\SnowyBronze\\SnowyBronzeDragonBaby.png',
'Epic\\Olympus\\SnowyBronze\\SnowyBronzeDragonJuvenile.png',
'Epic\\Olympus\\SnowyBronze\\SnowyBronzeDragonAdult.png', NULL, 'Every
few years, when conditions are just right, wizards and witches from all
across the world climb Mount Oly for a festival of competitions. It was
during the downhill free form flying races that Snowy Olympus Dragons
were first sighted. Swift and agile, these dragons make the best
wizards look like amateurs. Bronze Snowys are the most common of this
breed, but are no less epic for that!', NULL),
(228, 'Snowy Silver Dragon', 3, 17, '32:00:00', '25:36:00',
'Epic\\Olympus\\SnowySilver\\SnowySilverDragonEgg.png',
'Epic\\Olympus\\SnowySilver\\SnowySilverDragonBaby.png',
'Epic\\Olympus\\SnowySilver\\SnowySilverDragonJuvenile.png',
'Epic\\Olympus\\SnowySilver\\SnowySilverDragonAdult.png', NULL, 'Every
few years, when conditions are just right, wizards and witches from all
across the world climb Mount Oly for a festival of competitions. It was
during the downhill free form flying races that Snowy Olympus Dragons
were first sighted. Swift and agile, these dragons make the best
wizards look like amateurs. Silver Snowys are very nearly as graceful
as Golds, but the witch Kaylamac still scowls sometimes when they
hatch.', NULL),
(229, 'Snowy Gold Dragon', 3, 17, '32:00:00', '25:36:00',
'Epic\\Olympus\\SnowyGold\\SnowyGoldDragonEgg.png',
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'Epic\\Olympus\\SnowyGold\\SnowyGoldDragonBaby.png',
'Epic\\Olympus\\SnowyGold\\SnowyGoldDragonJuvenile.png',
'Epic\\Olympus\\SnowyGold\\SnowyGoldDragonAdult.png', NULL, 'Every few
years, when conditions are just right, wizards and witches from all
across the world climb Mount Oly for a festival of competitions. It was
during the downhill free form flying races that Snowy Olympus Dragons
were first sighted. Swift and agile, these dragons make the best
wizards look like amateurs. Gold Snowys are champions, even among their
own kind.', NULL),
(230, 'Dream Dragon', 3, 26, '50:00:00', '40:00:00',
'Epic\\Dream\\Dream\\DreamDragonEgg.png',
'Epic\\Dream\\Dream\\DreamDragonBaby.png',
'Epic\\Dream\\Dream\\DreamDragonJuvenile.png',
'Epic\\Dream\\Dream\\DreamDragonAdult.png', NULL, 'What dragons may
come, when we have shuffled off this vale\'s veil, and worked magic
while we slumbered? Well, it seems Young Witch Feiljean fell asleep
practicing at her spells one night, but kept right on casting. In fact,
others watched in wonder as the slumbering apprentice worked magic more
powerful than all but a few have ever seen! When the night was over,
most of the magic had faded away, but the great, strange dragons that
had appeared that night remained. They are beautiful but elusive
creatures, and tend to vanish quickly if you approach them directly.',
NULL),
(231, 'Daydream Dragon', 3, 26, '29:00:00', '23:12:00',
'Epic\\Dream\\Daydream\\DaydreamDragonEgg.png',
'Epic\\Dream\\Daydream\\DaydreamDragonBaby.png',
'Epic\\Dream\\Daydream\\DaydreamDragonJuvenile.png',
'Epic\\Dream\\Daydream\\DaydreamDragonAdult.png', NULL, 'Do not be
surprised to see your visitors gather near the Dream Habitat. It is
easy to get lost in thought while gazing upon the Daydream Dragon. It
is almost as if you can hear the quiet thrum of a distant ocean shore,
the soft melodies of a stringed instrument, drifting off into a bit of
a haze wondering...', NULL),
(232, 'Ragnarok Dragon', 3, 18, '39:27:00', '31:33:36',
'Epic\\Apocalypse\\Ragnarok\\RagnarokDragonEgg.png',
'Epic\\Apocalypse\\Ragnarok\\RagnarokDragonBaby.png',
'Epic\\Apocalypse\\Ragnarok\\RagnarokDragonJuvenile.png',
'Epic\\Apocalypse\\Ragnarok\\RagnarokDragonAdult.png', NULL, 'Lingering
long in caverns deep,\r\nRagnarok dragons took their sleep.\r\nWolfish,
serpentine, giant, strong,\r\nIn cold, dark earth, howled fire
song!\r\nWaked by wizards, their kind return,\r\nTreat them well and
from them you\'ll learn!', NULL),
(233, 'Snowflake Dragon 1', 3, 11, '02:30:00', '02:00:00',
'Epic\\Snowflake\\SnowflakeDragonEgg.png',
'Epic\\Snowflake\\SnowflakeDragonBaby1.png',
'Epic\\Snowflake\\SnowflakeDragonJuvenile1.png',
'Epic\\Snowflake\\SnowflakeDragonAdult1.png', NULL, 'If not for an
apprentice witch named Arendella, we may never have discovered this
enchanting breed. Though her full name is lost to time, the young witch
was once known for making the best iceberry brew in DragonVale. So
delicious was this brew, that it attracted a flock of snowflake dragons
from the clouds!', NULL),
(234, 'Snowflake Dragon 2', 3, 11, '02:30:00', '02:00:00',
'Epic\\Snowflake\\SnowflakeDragonEgg.png',
'Epic\\Snowflake\\SnowflakeDragonBaby2.png',
'Epic\\Snowflake\\SnowflakeDragonJuvenile2.png',
'Epic\\Snowflake\\SnowflakeDragonAdult2.png', NULL, 'The varied
crystalline structures that make up these dragons\' wings expand as the
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dragon ages. Over time, simple and stunning patterns become fine
fractals of icy intricacy.', NULL),
(235, 'Snowflake Dragon 3', 3, 11, '25:00:00', '20:00:00',
'Epic\\Snowflake\\SnowflakeDragonEgg.png',
'Epic\\Snowflake\\SnowflakeDragonBaby3.png',
'Epic\\Snowflake\\SnowflakeDragonJuvenile3.png',
'Epic\\Snowflake\\SnowflakeDragonAdult3.png', NULL, 'Despite the
diversity found in this breed, these dragons tend to form some of the
closest bonds amongst dragons. This warm, giving nature is especially
contagious during the Season of Goodies!', NULL),
(236, 'Snowflake Dragon 4', 3, 11, '25:00:00', '20:00:00',
'Epic\\Snowflake\\SnowflakeDragonEgg.png',
'Epic\\Snowflake\\SnowflakeDragonBaby4.png',
'Epic\\Snowflake\\SnowflakeDragonJuvenile4.png',
'Epic\\Snowflake\\SnowflakeDragonAdult4.png', NULL, 'The magic that
makes every snowflake unique in DragonVale may also be responsible for
the beautiful variations we see in snowflake dragons.', NULL),
(237, 'Snowflake Dragon 5', 3, 11, '40:00:00', '32:00:00',
'Epic\\Snowflake\\SnowflakeDragonEgg.png',
'Epic\\Snowflake\\SnowflakeDragonBaby5.png',
'Epic\\Snowflake\\SnowflakeDragonJuvenile5.png',
'Epic\\Snowflake\\SnowflakeDragonAdult5.png', NULL, 'This snowflake
dragon may have fallen far from the family tree. The wizards were
surprised to see this ostensibly frosty dragon discovered in the summer
and even more surprised to find that it had been hibernating all
winter! Not only that, but its chosen form of relaxation appears to be
sunbathing. For all its quirks, the wizards love diversity, so this
dragon is welcomed with open arms.', NULL),
(238, 'Monolith Dragon 1', 3, 11, '02:30:00', '02:00:00',
'Epic\\Monolith\\MonolithDragonEgg.png',
'Epic\\Monolith\\MonolithDragonBaby1.png',
'Epic\\Monolith\\MonolithDragonJuvenile1.png',
'Epic\\Monolith\\MonolithDragonAdult1.png', NULL, 'The monolith dragons
were just piles of carved stones before they were awakened by the magic
of the Egg Hunt. Each monolith was originally erected as a tribute to
the first epic dragon seen in Burcadia. The crafter of this particular
monolith was clearly impressed with the ancient dragon\'s horns.',
NULL),
(239, 'Monolith Dragon 2', 3, 11, '02:30:00', '02:00:00',
'Epic\\Monolith\\MonolithDragonEgg.png',
'Epic\\Monolith\\MonolithDragonBaby2.png',
'Epic\\Monolith\\MonolithDragonJuvenile2.png',
'Epic\\Monolith\\MonolithDragonAdult2.png', NULL, 'Each monolith dragon
is but one interpretation of an ancient dragon lost to time, and this
becomes clear when you compare any two monoliths side by side. this
monolith seems to focus on the lost dragon\'s noble stance and proud
demeanor.', NULL),
(240, 'Monolith Dragon 3', 3, 11, '25:00:00', '20:00:00',
'Epic\\Monolith\\MonolithDragonEgg.png',
'Epic\\Monolith\\MonolithDragonBaby3.png',
'Epic\\Monolith\\MonolithDragonJuvenile3.png',
'Epic\\Monolith\\MonolithDragonAdult3.png', NULL, 'Curiously, this is
the only monolith dragon without a strong, imposing chin on its face.
It seems the designer of this monolith was working to illuminate the
more cuddly, cute side of the awesome power held by the antediluvian
epic dragon.', NULL),
(241, 'Monolith Dragon 4', 3, 11, '25:00:00', '20:00:00',
'Epic\\Monolith\\MonolithDragonEgg.png',
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'Epic\\Monolith\\MonolithDragonBaby4.png',
'Epic\\Monolith\\MonolithDragonJuvenile4.png',
'Epic\\Monolith\\MonolithDragonAdult4.png', NULL, 'This monolith dragon
stands out as having the most unique shape. While the other monoliths
appear to suggest a compact, powerful form, this one was made sleek and
serpentine. With such a multitude of monoliths, one wonders if the
ancient Burcadians were really looking at the same dragon.', NULL),
(242, 'Monolith Dragon 5', 3, 11, '40:00:00', '32:00:00',
'Epic\\Monolith\\MonolithDragonEgg.png',
'Epic\\Monolith\\MonolithDragonBaby5.png',
'Epic\\Monolith\\MonolithDragonJuvenile5.png',
'Epic\\Monolith\\MonolithDragonAdult5.png', NULL, 'The sounds of
grinding stone that this monolith dragon produced after its discovery
used to keep entire parks awake through the night. Spells of silence
and soothing water magic were tried to no avail. Luckily for sensitive
wizards' ears, moss grew to cover the dragon's joints and muffled the
noise. Sometimes it's just best to just let nature, er… magic, take its
course.', NULL),
(243, 'Nova Dragon', 3, 10, '18:00:00', NULL,
'Galaxy\\Nova\\NovaDragonEgg.png', 'Galaxy\\Nova\\NovaDragonBaby.png',
'Galaxy\\Nova\\NovaDragonJuvenile.png',
'Galaxy\\Nova\\NovaDragonAdult.png', NULL, 'Brilliant through the
astromancer Noel dePlante may be, it took the help of light experts Shi
Nee and Ylyse Draagg to discover the nova dragon. In the roiling
cauldron that is the cosmos, only a specific set of complex spells can
reveal this elusive galaxy dragon. This magical detection technique is
known as Draagg\'s Divination!', NULL),
(244, 'Antarian Dragon', 3, 10, '16:00:00', NULL,
'Galaxy\\Antarian\\AntarianDragonEgg.png',
'Galaxy\\Antarian\\AntarianDragonBaby.png',
'Galaxy\\Antarian\\AntarianDragonJuvenile.png',
'Galaxy\\Antarian\\AntarianDragonAdult.png', NULL, 'The antarian
dragon\'s appearance closely mimics a specific cluster of stars, a
fiery orange splash across the sky. Depictions of the dragon have been
found in cultures far removed from each other, from the nomads of the
Sandara Desert to the scribes of the Windswept Peaks. The
astronomancers are still puzzled as to what these findings could
mean.', NULL),
(245, 'Polarian Dragon', 3, 10, '28:30:00', NULL,
'Galaxy\\Polarian\\PolarianDragonEgg.png',
'Galaxy\\Polarian\\PolarianDragonBaby.png',
'Galaxy\\Polarian\\PolarianDragonJuvenile.png',
'Galaxy\\Polarian\\PolarianDragonAdult.png', NULL, 'Looking up on a
clear night in the Vale, this dragon\'s namesake star can be seen
burning white hot and unmoving on its celestial throne. When other
stars are whisked to and fro by the pull of season and the push of
time, this one stays planted, a comfort to any who seek stability.
Spend time with the polarian dragon, and you\'ll see this constance and
grace reflected in its demeanor.', NULL),
(246, 'Arcturian Dragon', 3, 10, '06:00:00', NULL,
'Galaxy\\Arcturian\\ArcturianDragonEgg.png',
'Galaxy\\Arcturian\\ArcturianDragonBaby.png',
'Galaxy\\Arcturian\\ArcturianDragonJuvenile.png',
'Galaxy\\Arcturian\\ArcturianDragonAdult.png', NULL, 'A particularly
creative youngster came up with a rhyme to honor the arcturian dragon
and it has since become quite popular among young and old
alike.\r\nTwinkle, twinkle, little wyrm\r\n\r\nUp above the vale you
burn\r\n\r\nShooting toward the world so fast\r\n\r\nHere you come to
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stay at last\r\n\r\nFrom your home and down to ours\r\n\r\nLittle
dragon from the stars', NULL),
(247, 'Bizurian Dragon', 3, 10, '08:00:00', NULL,
'Galaxy\\Bizurian\\BizurianDragonEgg.png',
'Galaxy\\Bizurian\\BizurianDragonBaby.png',
'Galaxy\\Bizurian\\BizurianDragonJuvenile.png',
'Galaxy\\Bizurian\\BizurianDragonAdult.png', NULL, 'The Bizurian
constellation is often regarded as the symbol of new beginnings and
fresh starts. Its twin heads represent the branching paths at the
outset of a journey and guide young travelers who have lost their way
in the night. It seemed fitting, then, that the bizurian eggs found
after the Star Fall should be given to the newest dragon breeders in
the Vale.', NULL),
(248, 'Sorarian Dragon', 3, 10, '45:00:00', NULL,
'Galaxy\\Sorarian\\SorarianDragonEgg.png',
'Galaxy\\Sorarian\\SorarianDragonBaby.png',
'Galaxy\\Sorarian\\SorarianDragonJuvenile.png',
'Galaxy\\Sorarian\\SorarianDragonAdult.png', NULL, 'An old tale from
the Shimmering Isles describes a starry dragon that ferries travelers
from one side of the sky to the other. It was long assumed that these
stories were inspired by the Sorarian star, which traces a curvy path
across the night, heedless of the other stars' motions. With the coming
of the Sorarian dragon, however, many have begun to wonder whether the
subject of those stories was the star, or the dragon.', NULL),
(249, 'Procyon Dragon', 3, 10, '16:00:00', NULL,
'Galaxy\\Procyon\\ProcyonDragonEgg.png',
'Galaxy\\Procyon\\ProcyonDragonBaby.png',
'Galaxy\\Procyon\\ProcyonDragonJuvenile.png',
'Galaxy\\Procyon\\ProcyonDragonAdult.png', NULL, 'As Nogard says, you
shouldn\'t judge a star by the brightness of its twinkle. The procyon
star isn\'t the brightest in the skybox and this pale yellow creature
is similarly dim, but don\'t think for a moment that this reflects upon
the dragon\'s intelligence. This sharp-witted dragon eluded discovery
for a long time, playing a game of stellar hide-and-seek with the
wizards. Now that it\'s finally been discovered, we\'re thrilled to
have such a bright dragon join us in the Vale!', NULL),
(250, 'Andromedan Dragon', 3, 10, '16:00:00', NULL,
'Galaxy\\Andromedan\\AndromedanDragonEgg.png',
'Galaxy\\Andromedan\\AndromedanDragonBaby.png',
'Galaxy\\Andromedan\\AndromedanDragonJuvenile.png',
'Galaxy\\Andromedan\\AndromedanDragonAdult.png', NULL, 'From the moment
of birth, both individuals in an andromedan dragon pair are drawn
together by a mysterious force. It\'s even been demonstrated that
feeding treats to one will somehow nourish the other. This has led some
astronomancers to question whether the pair can truly be considered
individuals or whether they are really the same entity. We\'ll leave
the speculation to the astronomancers, we just think this dragon is
really awesome.', NULL),
(251, 'Comet Dragon', 3, 10, '22:00:00', NULL,
'Galaxy\\Comet\\CometDragonEgg.png',
'Galaxy\\Comet\\CometDragonBaby.png',
'Galaxy\\Comet\\CometDragonJuvenile.png',
'Galaxy\\Comet\\CometDragonAdult.png', NULL, 'Galaxy dragons are
Ashlee\'s absolute favorite type of dragon. So when her parents told
her about the arrival of the comet dragon, she could hardly form
complete sentences. "C-Can we p-please go visit the dragon park?"
Ashlee stuttered. That night, she watched the comet dragons execute
supersonic dives that ignited bright coronas of vaporizing ice. As she
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watched them zip and zoom in bright streaks that lit up the night sky,
Ashlee was sure that the comet dragon would be her new favorite. Until
the next galaxy dragon came along, of course.', NULL),
(252, 'Eridanian Dragon', 3, 10, '18:00:00', NULL,
'Galaxy\\Eridanian\\EridanianDragonEgg.png',
'Galaxy\\Eridanian\\EridanianDragonBaby.png',
'Galaxy\\Eridanian\\EridanianDragonJuvenile.png',
'Galaxy\\Eridanian\\EridanianDragonAdult.png', NULL, 'Nobody is certain
about what lies in the core of a star, but the eridanian dragon may be
the closest we\'ll ever get. Noel DePlante thinks it\'s possible that
the first dragons of this kind were formed in the sputtering embers of
stars that burned out and fell to the ground. Perhaps this little one
is giving us a glimpse into the beginning of time itself.', NULL),
(253, 'Nebula Dragon', 3, 10, '18:00:00', NULL,
'Galaxy\\Nebula\\NebulaDragonEgg.png',
'Galaxy\\Nebula\\NebulaDragonBaby.png',
'Galaxy\\Nebula\\NebulaDragonJuvenile.png',
'Galaxy\\Nebula\\NebulaDragonAdult.png', NULL, 'From the homework
scrolls of Mrs. Murphy\'s School for Spellwork and Sorcery, Grade
Five:\r\n\r\n"My assignment is to write a poem about the nebula
dragon,\r\nBut the only word that rhymes with \'dragon\' is
\'wagon.\'\r\nBesides, I\'m not sure dragons can read. A different
assignment is just what I need.\r\nMrs Murphy, please don\'t fail me
when you\'re inking--I should get an A because this poem shows magical
thinking."', NULL),
(254, 'Rayleian Dragon', 3, 10, '22:00:00', NULL,
'Galaxy\\Rayleian\\RayleianDragonEgg.png',
'Galaxy\\Rayleian\\RayleianDragonBaby.png',
'Galaxy\\Rayleian\\RayleianDragonJuvenile.png',
'Galaxy\\Rayleian\\RayleianDragonAdult.png', NULL, 'The colorful spike
on top of the rayleian dragon\'s head spurred something of a fashion
trend in the Vale. Every witch and wizard with an iota of style started
sporting a vertical coif to mimic this dragon\'s suave look. Anti-
gravity spells really came in handy!', NULL),
(255, 'Celerulean Dragon', 3, 10, '24:00:00', NULL,
'Galaxy\\Celerulean\\CeleruleanDragonEgg.png',
'Galaxy\\Celerulean\\CeleruleanDragonBaby.png',
'Galaxy\\Celerulean\\CeleruleanDragonJuvenile.png',
'Galaxy\\Celerulean\\CeleruleanDragonAdult.png', NULL, 'It\'s not easy
to spot this dragon\'s astral namesake when gazing up into the cosmic
abyss. The blue stars of the Celerulean cluster are so small and so far
away, you would need a seriously-magically-tricked-out-telescope to
catch a glimpse of their glimmer. Fortunately, having a celerulean
dragon in your park is even better!', NULL),
(256, 'Teidian Dragon', 3, 10, '20:00:00', NULL,
'Galaxy\\Teidian\\TeidianDragonEgg.png',
'Galaxy\\Teidian\\TeidianDragonBaby.png',
'Galaxy\\Teidian\\TeidianDragonJuvenile.png',
'Galaxy\\Teidian\\TeidianDragonAdult.png', NULL, 'The teidian dragon is
nicknamed "little bull" for its small stature and origin within the
Constellation of the Bull. Coincidentally, when Noel DePlante first
observed this dragon cavorting in the night sky, it seemed to be
playfully head-butting its fellow galaxy dragons.', NULL),
(257, 'Singularity Dragon', 3, 10, '18:00:00', NULL,
'Galaxy\\Singularity\\SingularityDragonEgg.png',
'Galaxy\\Singularity\\SingularityDragonBaby.png',
'Galaxy\\Singularity\\SingularityDragonJuvenile.png',
'Galaxy\\Singularity\\SingularityDragonAdult.png', NULL, 'When you look
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at the singularity dragon, you\'re not seeing the dragon, but an
outline caused by magical waves distorting *around* the dragon. It\'s
true! The singularity dragon itself has no visible form. You can thank
the astromancer Sven Sparrowing for that mind-bending bit of magical
theory. He witnessed the distortions while stargazing one particularly
clear night, and has been confusing people with his discovery ever
since.', NULL),
(258, 'Double Leap Year Dragon', 3, 17, '29:00:00', '23:12:00',
'Epic\\Rainbow\\DoubleLeapYear\\DoubleLeapYearDragonEgg.png',
'Epic\\Rainbow\\DoubleLeapYear\\DoubleLeapYearDragonBaby.png',
'Epic\\Rainbow\\DoubleLeapYear\\DoubleLeapYearDragonJuvenile.png',
'Epic\\Rainbow\\DoubleLeapYear\\DoubleLeapYearDragonAdult.png', NULL,
'Double leap year, double dragon heads! Truly, two heads are better
than none, because how would you feed a dragon without a head? Of
course, with two heads come other pertinent questions: Which head
controls the feet? What happens if they get into a staring contest? Can
they communicate telepathically? Don\'t you wish you had a second head,
too?', NULL),
(259, 'Stygian Dragon', 3, 17, '34:00:00', '27:12:00',
'Epic\\Olympus\\Stygian\\StygianDragonEgg.png',
'Epic\\Olympus\\Stygian\\StygianDragonBaby.png',
'Epic\\Olympus\\Stygian\\StygianDragonJuvenile.png',
'Epic\\Olympus\\Stygian\\StygianDragonAdult.png', NULL, 'From the
Vellum of Visions, An Ode to the Stygian Dragon:\r\nStygian dragon,
rune bearer,\r\nSuch secrets in your wings,\r\nA tale, a map, a tiding-
--\r\nOr songs of ancient things?\r\nWhat mysteries you hold,\r\nO
dragon so mighty and bold.', NULL),
(260, 'Squall Dragon', 3, 17, '34:00:00', '27:12:00',
'Epic\\Olympus\\Squall\\SquallDragonEgg.png',
'Epic\\Olympus\\Squall\\SquallDragonBaby.png',
'Epic\\Olympus\\Squall\\SquallDragonJuvenile.png',
'Epic\\Olympus\\Squall\\SquallDragonAdult.png', NULL, 'From the Vellum
of Visions, An Ode to the Squall Dragon:\r\nSquall dragon, wave
forger,\r\nThe tides at your command,\r\nYour golden headpiece
shining,\r\nanchored tail so grand.\r\nProtector of the ocean
shores,\r\nOf you we ask no more.', NULL),
(261, 'Valor Dragon', 3, 17, '34:00:00', '27:12:00',
'Epic\\Olympus\\Valor\\ValorDragonEgg.png',
'Epic\\Olympus\\Valor\\ValorDragonBaby.png',
'Epic\\Olympus\\Valor\\ValorDragonJuvenile.png',
'Epic\\Olympus\\Valor\\ValorDragonAdult.png', NULL, 'From the Vellum of
Visions, An Ode to the Valor Dragon:\r\nValor dragon, brave
bearer\r\nOur hearts you fill with might,\r\nYour wings raised strong
and shinning,\r\nYour plumage catching light.\r\nWhen the night is long
and dark,\r\nThe valor dragon warms our hearts.', NULL),
(262, 'Thunderbolt Dragon', 3, 17, '34:00:00', '27:12:00',
'Epic\\Olympus\\Thunderbolt\\ThunderboltDragonEgg.png',
'Epic\\Olympus\\Thunderbolt\\ThunderboltDragonBaby.png',
'Epic\\Olympus\\Thunderbolt\\ThunderboltDragonJuvenile.png',
'Epic\\Olympus\\Thunderbolt\\ThunderboltDragonAdult.png', NULL, 'From
the Vellum of Visions, An Ode to the Thunderbolt Dragon:\r\nThunderbolt
dragon, cloud striker,\r\nShepherd of the storms,\r\nThe skyscape you
illuminate,\r\nThe horizon you transform.\r\nYour wings and claws so
golden,\r\nOur skies and spirits you embolden.\r\n\r\nIn honor of the
Arcane Pentournament and the return of dragons thought to have
disappeared after the Cataclysm, Valefolk young and old takes time to
study poem scrolls recovered from the Scar of the World. The ancient
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authors of the arcane believed that these dragons ruled over all
physical and mystical elements, as reflected in the ode above.', NULL);
INSERT INTO `dragon` (`DragonID`, `DragonName`, `TypeID`,
`UnlockLevel`, `BreedTimeReg`, `BreedTimeUpgrade`, `EggImage`,
`BabyImage`, `TeenImage`, `AdultImage`, `ElderImage`, `Description`,
`Notes`) VALUES
(263, 'Portent Dragon', 3, 26, '50:00:00', '40:00:00',
'Epic\\Dream\\Portent\\PortentDragonEgg.png',
'Epic\\Dream\\Portent\\PortentDragonBaby.png',
'Epic\\Dream\\Portent\\PortentDragonJuvenile.png',
'Epic\\Dream\\Portent\\PortentDragonAdult.png', NULL, 'The portent
dragon was first discovered by a party of eight adventurers, and is
said to be a sign of important things to come. Lured out of hiding by
the party\'s palpable love for dragons, the portent dragon is
considered something of a mascot for extreme dragon enthusiasts!',
NULL),
(264, 'Garden Dragon', 2, 11, '12:00:00', '09:36:00',
'Limited\\Garden\\GardenDragonEgg.png',
'Limited\\Garden\\GardenDragonBaby.png',
'Limited\\Garden\\GardenDragonJuvenile.png',
'Limited\\Garden\\GardenDragonAdult.png', NULL, 'Gardenia has an
affinity for the garden dragon - then again, it\'s quite hard not to be
fond of a this green cutie, especially when it shares part of your
name!', NULL),
(265, 'Twinkle Dragon', 3, 16, '31:00:00', '24:48:00',
'Epic\\Ornamental\\Twinkle\\TwinkleDragonEgg.png',
'Epic\\Ornamental\\Twinkle\\TwinkleDragonBaby.png',
'Epic\\Ornamental\\Twinkle\\TwinkleDragonJuvenile.png',
'Epic\\Ornamental\\Twinkle\\TwinkleDragonAdult.png', NULL, 'The
highlight of numerous Vinturfjordian winter carols, the twinkle dragon
has seriously impressive set of wings. They shimmer and glimmer with
such festive spirit, you can\'t help but sing its praises-literally! As
folk croon in Vinturfjord, "Just see that dragon twinkling, shining and
a\'sparkling too! Come on, it\'s lovely weather for a snow flight
together with you!"', NULL),
(266, 'Snowpocalypse Dragon', 3, 18, '20:00:00', '16:00:00',
'Epic\\Apocalypse\\Snowpocalypse\\SnowpocalypseDragonEgg.png',
'Epic\\Apocalypse\\Snowpocalypse\\SnowpocalypseDragonBaby.png',
'Epic\\Apocalypse\\Snowpocalypse\\SnowpocalypseDragonJuvenile.png',
'Epic\\Apocalypse\\Snowpocalypse\\SnowpocalypseDragonAdult.png', NULL,
'After the eruption of the mythic volcano Garita, which released the
apocalypse dragon, the resultant ash clouds drifted to Vinturfjord.
When the clouds cooled, the magic within condensed into the most
beautiful snowfall ever witnessed. But by the sixth hour of the sixth
day of the sixth week of snowfall, Vinturfjordians began to fear the
end of the Vale was near. Luckily, just when it seemed like the snow
would never stop, a great wind whipped all of the fallen snow into the
form of a dragon! Or at least that\'s the legend--we might not know
exactly how the Breeding Cave works, but we\'re relatively certain it
doesn\'t work like that.', NULL),
(267, 'Tinsel Dragon', 3, 11, '27:00:00', '21:36:00',
'Epic\\Ornamental\\Tinsel\\TinselDragonEgg.png',
'Epic\\Ornamental\\Tinsel\\TinselDragonBaby.png',
'Epic\\Ornamental\\Tinsel\\TinselDragonJuvenile.png',
'Epic\\Ornamental\\Tinsel\\TinselDragonAdult.png', NULL, 'The witch to
first discover the tinsel dragon would prefer to remain anonymous. This
may or may not have something to do with the slightly embarrassing way
in which she discovered the dragon, but can you blame a witch for
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mistaking the tinsel dragon for a tinsel bush? She didn\'t mean to
pluck so hard, nor frighten the dragon into a frenzied flight through
the Vale\'s freshly finished Frosty Jubilee decorations. Everyone\'s
best cleanup spells got a wand workout that day! The tinsel dragon is
fine, albeit less likely to lounge in a patch of tinsel bushes again.',
NULL),
(268, 'Snowbrush Dragon', 2, 21, '19:00:00', '15:12:00',
'Limited\\Snowbrush\\SnowbrushDragonEgg.png',
'Limited\\Snowbrush\\SnowbrushDragonBaby.png',
'Limited\\Snowbrush\\SnowbrushDragonJuvenile.png',
'Limited\\Snowbrush\\SnowbrushDragonAdult.png', NULL, 'You know it\'s
wintertime in the Vale when the snowfields are dotted with dragon-sized
holes! There seems to be no better fun for a snowbrush dragon than
diving in and out of snowdrifts. You\'d probably do it too if you had
golden scales to protect your noggin!', NULL),
(269, 'Thundersnow Dragon', 2, 12, '18:00:00', '14:24:00',
'Limited\\Thundersnow\\ThundersnowDragonEgg.png',
'Limited\\Thundersnow\\ThundersnowDragonBaby.png',
'Limited\\Thundersnow\\ThundersnowDragonJuvenile.png',
'Limited\\Thundersnow\\ThundersnowDragonAdult.png', NULL, 'The roar of
the thundersnow dragon is powerful enough to shake snowflakes from
their clouds and send lightning jetting across the sky. Juvenile
witches and wizards with mischief on their minds will sometimes coax
the thundersnow dragon with treats, hoping its excited roar will bring
a thunderous blizzard to cancel school!', NULL),
(270, 'Honeyglow Dragon', 3, 21, '31:00:00', '24:48:00',
'Epic\\Aura\\Honeyglow\\HoneyglowDragonEgg.png',
'Epic\\Aura\\Honeyglow\\HoneyglowDragonBaby.png',
'Epic\\Aura\\Honeyglow\\HoneyglowDragonJuvenile.png',
'Epic\\Aura\\Honeyglow\\HoneyglowDragonAdult.png', NULL, 'While
Gardenia was wandering the Thousand Acre Woods one spring afternoon,
she spotted what appeared to be a dragon tail sticking out of a hole in
a tree. Curious, Gardenia tugged on the tail... and out tumbled a
honeyglow dragon! The dragon had been snacking on sweet tree nectar,
and had grown so plump from its omnomnomming, it was having trouble
wiggling back out of the tree. How very fortunate that Gardenia came to
the rescue of this rumbly-tumblied dragon!', NULL),
(271, 'Stoneheart Dragon', 3, 12, '24:00:00', '19:12:00',
'Epic\\Aura\\Stoneheart\\StoneheartDragonEgg.png',
'Epic\\Aura\\Stoneheart\\StoneheartDragonBaby.png',
'Epic\\Aura\\Stoneheart\\StoneheartDragonJuvenile.png',
'Epic\\Aura\\Stoneheart\\StoneheartDragonAdult.png', NULL, 'The story
of the stoneheart dragon it a bit of gloomy tale. So it\'s told, the
wizard Mort Encha was obsessed with creating the perfect potion to win
the affections of his unrequited love interest. One day, a wand misfire
caused several vials of failed potions to shatter. The amalgam of
potions seeped through the dirt floor of Mort\'s hut and into the soil
of his treat farm next door. Soon after, a wandering stoneheart dragon
stopped to snack on Mort\'s potion-powered pumpermellon plants.
Fortunately, aside from a harmless case of stonescale, the dragon was
unharmed. Still, Mort felt so guilty about the accident that he never
touched a drop of love potion again, and thus, sadly, he was never
united with his true love. Valefolk say the stoneheart dragon\'s
seemingly sad expression is an ode to poor ol\' Mort.', NULL),
(272, 'Herald Dragon', 3, 17, '34:00:00', '27:12:00',
'Epic\\Olympus\\Herald\\HeraldDragonEgg.png',
'Epic\\Olympus\\Herald\\HeraldDragonBaby.png',
'Epic\\Olympus\\Herald\\HeraldDragonJuvenile.png',
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'Epic\\Olympus\\Herald\\HeraldDragonAdult.png', NULL, 'From the Vellum
of Visions, An Ode to the Herald Dragon:\r\nHerald dragon, epoch
sentry,\r\nOmen of the aeons,\r\nUsher forth the changing times,\r\nO
trumpeter of seasons.\r\nWhen you soar across the skies,\r\nOur spirits
you revitalize.', NULL),
(273, 'Soot Dragon', 2, 4, '10:00:00', '08:00:00',
'Hybrid\\Soot\\SootDragonEgg.png', 'Hybrid\\Soot\\SootDragonBaby.png',
'Hybrid\\Soot\\SootDragonJuvenile.png',
'Hybrid\\Soot\\SootDragonAdult.png', NULL, 'The soot dragon\'s favorite
sleeping spot is underneath cauldrons--which, while adorable, has given
more than one potion-brewer quite the scare. Imagine trying to stoke
the "fire" only for it to wake up and fly away!', NULL),
(274, 'Leap Year Dragon', 3, 17, '14:30:00', '11:36:00',
'Epic\\Rainbow\\LeapYear\\LeapYearDragonEgg.png',
'Epic\\Rainbow\\LeapYear\\LeapYearDragonBaby.png',
'Epic\\Rainbow\\LeapYear\\LeapYearDragonJuvenile.png',
'Epic\\Rainbow\\LeapYear\\LeapYearDragonAdult.png', NULL, 'The
exceptionally rare leap year dragon can only be seen in the wild once
every four years near Bridget\'s Pass. Getting one of these in your
park is sure to make your visitors over the rainbow! Or is it over the
moon? I can never remember...', NULL),
(275, 'Solstice Dragon', 3, 14, '23:30:00', '18:48:00',
'Epic\\SunMoon\\Solstice\\SolsticeDragonEgg.png',
'Epic\\SunMoon\\Solstice\\SolsticeDragonBaby.png',
'Epic\\SunMoon\\Solstice\\SolsticeDragonJuvenile.png',
'Epic\\SunMoon\\Solstice\\SolsticeDragonAdult.png', NULL, 'Twice each
year, near the longest and shortest days of the year, the Solstice
Dragons come out of hiding. Their arrival - along with lighting of the
Sun Stones of Surya - signals the beginning of grand festivals
throughout much of the land. Because it has two heads, one favoring
summer, the other winter, the Solstice Dragon is nearly always of two
minds on any issue. Despite this conflict, most dragon experts take
solace in the idea that two heads are better than one..', NULL),
(276, 'Blue Moon Dragon', 3, 10, '29:31:45', '23:37:24',
'Epic\\SunMoon\\BlueMoon\\BlueMoonDragonEgg.png',
'Epic\\SunMoon\\BlueMoon\\BlueMoonDragonBaby.png',
'Epic\\SunMoon\\BlueMoon\\BlueMoonDragonJuvenile.png',
'Epic\\SunMoon\\BlueMoon\\BlueMoonDragonAdult.png', NULL, 'During the
blue moon festival, a number of wizards buzzed about collecting its
rare essence to the Moon Habitat in order to attract a blue moon
dragon. It wasn\'t until days later the famous wizard Aiden Strongarm
was able to find a way to bring the blue moon dragon back before it
disappeared until... who knows when? It may have been one small step
for dragons, but it was a giant leap for wizards.', NULL),
(277, 'Equinox Dragon', 3, 14, '24:00:00', '19:12:00',
'Epic\\SunMoon\\Equinox\\EquinoxDragonEgg.png',
'Epic\\SunMoon\\Equinox\\EquinoxDragonBaby.png',
'Epic\\SunMoon\\Equinox\\EquinoxDragonJuvenile.png',
'Epic\\SunMoon\\Equinox\\EquinoxDragonAdult.png', NULL, 'Two times each
year, when night and day become equals, equinox dragons reveal
themselves. Celebrations for the arrival of these dragons vary greatly,
but villages graced with their presence are said to have an especially
bountiful harvest. Wizards have since proven this tale to be untrue,
but the festivals are so fun, they keep that little secret.', NULL),
(278, 'Solar Eclipse Dragon', 3, 14, '48:00:00', '38:24:00',
'Epic\\SunMoon\\SolarEclipse\\SolarEclipseDragonEgg.png',
'Epic\\SunMoon\\SolarEclipse\\SolarEclipseDragonBaby.png',
'Epic\\SunMoon\\SolarEclipse\\SolarEclipseDragonJuvenile.png',
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'Epic\\SunMoon\\SolarEclipse\\SolarEclipseDragonAdult.png', NULL, 'Many
people make the mistake of thinking this dragon is the result of an
impossible breeding combination between the sun and moon dragons.
Instead, this dragon is born only when celestial bodies align properly.
Although a wonder to behold, the wizards do not recommend staring
directly at them... something about burning your eyes out?', NULL),
(279, 'Lunar Eclipse Dragon', 3, 14, '48:00:00', '38:24:00',
'Epic\\SunMoon\\LunarEclipse\\LunarEclipseDragonEgg.png',
'Epic\\SunMoon\\LunarEclipse\\LunarEclipseDragonBaby.png',
'Epic\\SunMoon\\LunarEclipse\\LunarEclipseDragonJuvenile.png',
'Epic\\SunMoon\\LunarEclipse\\LunarEclipseDragonAdult.png', NULL, 'The
rare lunar eclipse dragon only ventures from its habitat on the dark
side of the moon during lunar eclipses, when it is shielded from the
sun\'s rays. Living in the frigid, sunless, blackness, this dragon is
graced with a thick layer of blubber to keep it warm. Although, some
wizards have suggested they\'re just big boned.', NULL),
(280, 'Celtic Dragon', 3, 11, '17:00:00', '13:36:00',
'Epic\\Rainbow\\Celtic\\CelticDragonEgg.png',
'Epic\\Rainbow\\Celtic\\CelticDragonBaby.png',
'Epic\\Rainbow\\Celtic\\CelticDragonJuvenile.png',
'Epic\\Rainbow\\Celtic\\CelticDragonAdult.png', NULL, 'Nestled
somewhere between the Shimmering Isles and the edge of the Skyie
Meadows lives an ultra rare breed, the celtic dragon. O\'Hara the
Stout, a brewer of magical potions, and Wizard Brezhoneg were inspired
by a celtic dragon\'s golden knotted horns and worked some magic to
allow these dragons to come and live at the end of the rainbow habitat.
Unfortunately, that magic will unravel soon and the celtic dragon will
be gone.', NULL),
(281, 'Spring Dragon', 3, 11, '24:00:00', '19:12:00',
'Epic\\Seasonal\\Spring\\SpringDragonEgg.png',
'Epic\\Seasonal\\Spring\\SpringDragonBaby.png',
'Epic\\Seasonal\\Spring\\SpringDragonJuvenile.png',
'Epic\\Seasonal\\Spring\\SpringDragonAdult.png', NULL, 'The wizard
Akitu helped form the magical energies in the Seasonal Habitat. When he
went out to study his work, he discovered another rare and lively
dragon had joined the habitat. Having never seen this breed before, he
decided to commemorate the first day of Spring and called it a spring
dragon. Akitu is fairly certain they follow patterns of the Northern
hemisphere and won\'t be here forever.', NULL),
(282, 'Summer Dragon', 3, 14, '24:00:00', '19:12:00',
'Epic\\Seasonal\\Summer\\SummerDragonEgg.png',
'Epic\\Seasonal\\Summer\\SummerDragonBaby.png',
'Epic\\Seasonal\\Summer\\SummerDragonJuvenile.png',
'Epic\\Seasonal\\Summer\\SummerDragonAdult.png', NULL, 'While
researching seasonal magic in the far off Forests of Farn, the wizard
Shamash discovered the summer dragon one evening by tripping over it.
Thankfully, the dragon didn\'t mind or even bother to wake up. Since
then, summer dragons have been famed as the hardest sleeping dragons,
probably because they are some of the most active dragons during the
day!', NULL),
(283, 'Zombie Dragon', 3, 18, '20:00:00', '16:00:00',
'Epic\\Apocalypse\\Zombie\\ZombieDragonEgg.png',
'Epic\\Apocalypse\\Zombie\\ZombieDragonBaby.png',
'Epic\\Apocalypse\\Zombie\\ZombieDragonJuvenile.png',
'Epic\\Apocalypse\\Zombie\\ZombieDragonAdult.png', NULL, 'A rare and
misunderstood dragon, the zombie dragon is a reliable crowd pleaser.
Just be sure to heed the wizard\'s stern warning to only feed them
Dragon Treats. Lest they develop other ... appetites.', NULL),
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(284, 'Winter Dragon', 3, 16, '24:00:00', '19:12:00',
'Epic\\Seasonal\\Winter\\WinterDragonEgg.png',
'Epic\\Seasonal\\Winter\\WinterDragonBaby.png',
'Epic\\Seasonal\\Winter\\WinterDragonJuvenile.png',
'Epic\\Seasonal\\Winter\\WinterDragonAdult.png', NULL, 'In the stark
lands of the North, dire winters have long been a bane to the natives.
The wizard Marten Slowquill discovered that winter dragons, long
thought to be shaggy variants of forest dragons, were in fact a
distinct breed. What\'s more, they were found to grow out their
voluminous coats just before the first snow fall, giving the people of
the North a harbinger for when winter is coming.', NULL),
(285, 'Moonstruck Dragon', 3, 16, '11:54:00', '09:31:00',
'Epic\\SunMoon\\Moonstruck\\MoonstruckDragonEgg.png',
'Epic\\SunMoon\\Moonstruck\\MoonstruckDragonBaby.png',
'Epic\\SunMoon\\Moonstruck\\MoonstruckDragonJuvenile.png',
'Epic\\SunMoon\\Moonstruck\\MoonstruckDragonAdult.png', NULL, 'Easily
entranced by wonder and beauty, the Moonstruck dragon often stands for
days staring longingly into the magical moons of the Moon Habitats, or
flying gracefully around them. You will not meet a more affectionate
dragon, nor one more attached, as this one. One must take care that
these dragons remember to eat and rest, as they live in a state of
blissful preoccupation.', NULL),
(286, 'Victory Dragon', 3, 17, '36:00:00', '28:48:00',
'Epic\\Olympus\\Victory\\VictoryDragonEgg.png',
'Epic\\Olympus\\Victory\\VictoryDragonBaby.png',
'Epic\\Olympus\\Victory\\VictoryDragonJuvenile.png',
'Epic\\Olympus\\Victory\\VictoryDragonAdult.png', NULL, 'When the
champion cloud-vaulter, Nickee of Same-thrice, found herself vexed by
the trials before her, she looked up to a victory dragon for
inspiration. This dragon\'s lauded ability is to inspire a vigorous
fervor for great deeds with its aura of vibrant optimism. With this
boon, Nickee rose to the challenge and just did it.', NULL),
(287, 'Sprout Dragon', 3, 17, '36:00:00', '28:48:00',
'Epic\\Seasonal\\Sprout\\SproutDragonEgg.png',
'Epic\\Seasonal\\Sprout\\SproutDragonBaby.png',
'Epic\\Seasonal\\Sprout\\SproutDragonJuvenile.png',
'Epic\\Seasonal\\Sprout\\SproutDragonAdult.png', NULL, 'The Sprout
dragon is truly one of nature\'s mysteries! These little dragons are so
full of the energy of new life, that instead of getting very large as
they grow, they actually multiply into a small group over time! It\'s
possible that given centuries, these groups would grow up, but for now
we\'ll just enjoy their playful youth!', NULL),
(288, 'Dawn Dragon', 3, 12, '20:00:00', '16:00:00',
'Epic\\SunMoon\\Dawn\\DawnDragonEgg.png',
'Epic\\SunMoon\\Dawn\\DawnDragonBaby.png',
'Epic\\SunMoon\\Dawn\\DawnDragonJuvenile.png',
'Epic\\SunMoon\\Dawn\\DawnDragonAdult.png', NULL, 'Majestic as the
rising sun, the dawn dragon is a sight to behold. Normally, Epic
Dragons avoid the breeding cave, but tales exist of two such dragons
following some of the rare Fireflies into the cave and the next
morning, with the rising of the sun came the dawn dragon.', NULL),
(289, 'Dusk Dragon', 3, 12, '20:00:00', '16:00:00',
'Epic\\SunMoon\\Dusk\\DuskDragonEgg.png',
'Epic\\SunMoon\\Dusk\\DuskDragonBaby.png',
'Epic\\SunMoon\\Dusk\\DuskDragonJuvenile.png',
'Epic\\SunMoon\\Dusk\\DuskDragonAdult.png', NULL, 'Mottled by the
stars, the dusk dragon moves as fluidly as the eventide, like a leaf on
the wind. The first known account of this celestial creature was
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written by the brave adventurer, Mal\'Gorram, whose poignant
exclamation still hold true, "Shiny!"', NULL),
(290, 'Prism Dragon', 3, 21, '42:00:00', '33:36:00',
'Epic\\Rainbow\\Prism\\PrismDragonEgg.png',
'Epic\\Rainbow\\Prism\\PrismDragonBaby.png',
'Epic\\Rainbow\\Prism\\PrismDragonJuvenile.png',
'Epic\\Rainbow\\Prism\\PrismDragonAdult.png', NULL, 'The Prism Dragon
is as rare as it is beautiful. Its dark hide absorbs light and magic
alike. Its crystalline spines shine with energy that ranges from a
rainbow of colors to pure elemental magic! Truly a majestic creature,
this dragon\'s mere existence reveals much that is otherwise hidden.',
NULL),
(291, 'Leaf Dragon', 3, 21, '37:00:00', '29:36:00',
'Epic\\Seasonal\\Leaf\\LeafDragonEgg.png',
'Epic\\Seasonal\\Leaf\\LeafDragonBaby.png',
'Epic\\Seasonal\\Leaf\\LeafDragonJuvenile.png',
'Epic\\Seasonal\\Leaf\\LeafDragonAdult.png', NULL, 'Leaf dragons are
famous for their uncanny ability to blend into their surroundings.
Novice caretakers are frequently flummoxed by the sudden
"disappearance" of their leaf dragons. More experienced wizards bring
along a peppermill and lightly season the bushes in a habitat until
they hear a sneeze!', NULL),
(292, 'Sunstruck Dragon', 3, 25, '32:00:00', '25:36:00',
'Epic\\SunMoon\\Sunstruck\\SunstruckDragonEgg.png',
'Epic\\SunMoon\\Sunstruck\\SunstruckDragonBaby.png',
'Epic\\SunMoon\\Sunstruck\\SunstruckDragonJuvenile.png',
'Epic\\SunMoon\\Sunstruck\\SunstruckDragonAdult.png', NULL, 'The
sunstruck dragon is happiest when surfing across some righteous sand
dunes. In fact, it needs little else to stay happy. Wizards summarize
this dragon\'s lackadaisical lifestyle in three words; sandsurfing,
mondo treats, and primo naps. Gnarly.', NULL),
(293, 'Nightmare Dragon', 3, 25, '36:29:00', '29:11:12',
'Epic\\Dream\\Nightmare\\NightmareDragonEgg.png',
'Epic\\Dream\\Nightmare\\NightmareDragonBaby.png',
'Epic\\Dream\\Nightmare\\NightmareDragonJuvenile.png',
'Epic\\Dream\\Nightmare\\NightmareDragonAdult.png', NULL, 'For every
happy and contented dream, there is the other, darker side that can
frighten wizards and witches everywhere. Discovered by the vivid
dreamer Tober Gelndun, these dragons mean no ill as they simply bring
balance to the dreamworld. Still, the faint of heart are recommended to
keep a good distance.', NULL),
(294, 'Berry Dragon', 3, 21, '16:00:00', '12:48:00',
'Epic\\Seasonal\\Berry\\BerryDragonEgg.png',
'Epic\\Seasonal\\Berry\\BerryDragonBaby.png',
'Epic\\Seasonal\\Berry\\BerryDragonJuvenile.png',
'Epic\\Seasonal\\Berry\\BerryDragonAdult.png', NULL, 'While tending
shrubberies one day, the young witch Nee found a young berry dragon
playing. She fed it some dragon treats and was amazed when the berry
dragon changed colors! Kindly by nature, these berry dragons not only
love dragon treats, but love to show off their colors to all the
visitors of your park!', NULL),
(295, 'Aurora Dragon', 3, 21, '42:00:00', '33:36:00',
'Epic\\Rainbow\\Aurora\\AuroraDragonEgg.png',
'Epic\\Rainbow\\Aurora\\AuroraDragonBaby.png',
'Epic\\Rainbow\\Aurora\\AuroraDragonJuvenile.png',
'Epic\\Rainbow\\Aurora\\AuroraDragonAdult.png', NULL, 'On a stargazing
expedition to the far side of the world, the witch Zoria looked up to
the sky one night and it dawned on her that something was very
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different. What originally appeared to be a wisp of cloud against the
night sky very quickly drew into view as an aurora dragon! Though these
dragons are a rare observance, they love to show off their luminescent
colors to any wizard, witch, and visitor alike!', NULL),
(296, 'Midnight Dragon', 3, 11, '12:00:00', '09:36:00',
'Epic\\SunMoon\\Midnight\\MidnightDragonEgg.png',
'Epic\\SunMoon\\Midnight\\MidnightDragonBaby.png',
'Epic\\SunMoon\\Midnight\\MidnightDragonJuvenile.png',
'Epic\\SunMoon\\Midnight\\MidnightDragonAdult.png', NULL, 'The midnight
dragon has been observed to stay up all hours to practice breathing its
magical fire; the first dragon on record to be shown actually
attempting to get better at this natural phenomenon. The magical breath
temporarily leaves behind a rare and potent oil secreted only by
midnight dragons. The light this oil produces is soft and soothing -
some have even claimed that the oil helps them to keep working
effectively through the night', NULL),
(297, 'Elysium Dragon', 3, 26, '48:00:00', '38:24:00',
'Epic\\Olympus\\Elysium\\ElysiumDragonEgg.png',
'Epic\\Olympus\\Elysium\\ElysiumDragonBaby.png',
'Epic\\Olympus\\Elysium\\ElysiumDragonJuvenile.png',
'Epic\\Olympus\\Elysium\\ElysiumDragonAdult.png', NULL, 'If you climb
Mount Oly, up past Competitions Ridge, up even higher than the clouds,
you will find the peak: Elysium. There, wizened wizards and witches can
set down their wands and reflect on their long, magical lives. It is
there that the Elysium dragon wanders, spreading auras of calm
introspection and remembered dreams.', NULL),
(298, 'Delirium Dragon', 3, 26, '11:00:00', '08:48:00',
'Epic\\Dream\\Delirium\\DeliriumDragonEgg.png',
'Epic\\Dream\\Delirium\\DeliriumDragonBaby.png',
'Epic\\Dream\\Delirium\\DeliriumDragonJuvenile.png',
'Epic\\Dream\\Delirium\\DeliriumDragonAdult.png', NULL, 'Nogard, O
Nogard, what does a great dragon make? Is it a cavernous clack or a
twistiforous shake? Perhaps it is the poise with which it dances, or
staring eyes that bring on trances? The value of a dragon, Nogard
concludes, lies not in its parts, but in the imaginings it brews.',
NULL),
(299, 'Midday Dragon', 3, 11, '08:00:00', '06:24:00',
'Epic\\SunMoon\\Midday\\MiddayDragonEgg.png',
'Epic\\SunMoon\\Midday\\MiddayDragonBaby.png',
'Epic\\SunMoon\\Midday\\MiddayDragonJuvenile.png',
'Epic\\SunMoon\\Midday\\MiddayDragonAdult.png', NULL, 'The midday
dragon is naturally enchanted in a way that continuously forms the
effects of the noonday sun directly overhead. As a result, the top of
the dragon is perpetually warm and its shadow is always directly below
it. This makes the dragon a popular source of shade in the summertime;
younger dragons can be seen darting between its legs on especially hot
days.', NULL),
(300, 'Loot Dragon', 3, 19, '35:00:00', '28:00:00',
'Epic\\Treasure\\Loot\\LootDragonEgg.png',
'Epic\\Treasure\\Loot\\LootDragonBaby.png',
'Epic\\Treasure\\Loot\\LootDragonJuvenile.png',
'Epic\\Treasure\\Loot\\LootDragonAdult.png', NULL, 'Gleaming crystals,
glimmering coins, sparkling jewels - the loot dragon is drawn to every
sort of shiny bauble. Most precious of all to this dragon, however, are
gems. Folks were a little worried about letting a dragon toss a
powerful magic gem around, so the wizards designed a special, magic-
free gem just for this dragon. All the fun of a magic gem, with none of
the explosive mishaps.', NULL),
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(301, 'Muse Dragon', 3, 26, '36:00:00', '28:48:00',
'Epic\\Dream\\Muse\\MuseDragonEgg.png',
'Epic\\Dream\\Muse\\MuseDragonBaby.png',
'Epic\\Dream\\Muse\\MuseDragonJuvenile.png',
'Epic\\Dream\\Muse\\MuseDragonAdult.png', NULL, '"Sing, O\' muse
dragon, and move my quill!"\r\nOften, a scribe struggling to find the
perfect way to describe a dragon will call out a little chant in honor
of the muse dragon. Legend has it that the muse dragon is a font of
inspiration for all creators and that its three heads represent the
pillars of the Arts: talent, practice and learning. Others say that the
heads represent the three tools of creation: mind, body and magic.
Whatever the truth may be, the muse dragon has earned its fame. This
dragon\'s breath is an invigorating melody of pure motivation
guaranteed to clear any creative blocks.', NULL),
(302, 'Omen Dragon', 3, 21, '27:00:00', '21:36:00',
'Epic\\SunMoon\\Omen\\OmenDragonEgg.png',
'Epic\\SunMoon\\Omen\\OmenDragonBaby.png',
'Epic\\SunMoon\\Omen\\OmenDragonJuvenile.png',
'Epic\\SunMoon\\Omen\\OmenDragonAdult.png', NULL, 'From the Scrolls of
Prophecy, Volume DCLVI:\r\nIn the waning days of the ninth month\r\nIn
the age when land ascends the sky\r\nThe two-headed one will spread its
wings\r\nAnd bring forth its dread and haunting cry', NULL),
(303, 'Pharaoh Dragon', 3, 25, '30:00:00', '24:00:00',
'Epic\\SunMoon\\Pharaoh\\PharaohDragonEgg.png',
'Epic\\SunMoon\\Pharaoh\\PharaohDragonBaby.png',
'Epic\\SunMoon\\Pharaoh\\PharaohDragonJuvenile.png',
'Epic\\SunMoon\\Pharaoh\\PharaohDragonAdult.png', NULL, 'When the tomb
of Amun-Ris was opened, and the dust of ages billowed out, it was clear
that the room had sat undisturbed for a millennia. While most of the
ancient Sand Kings\' tombs had collapsed from time and neglect, this
one\'s sanctity was preserved, along with the first intact dragon egg
from that time that we\'ve ever found! Why was it untouched?\r\nMany
suspect an ancient curse, but we dismiss such rumors. Still, it
couldn\'t hurt to keep an eye on visitors passing the dragon\'s
habitat. Just to be safe.', NULL),
(304, 'Dazzling Dragon', 3, 21, '55:00:00', '44:00:00',
'Epic\\Ornamental\\Dazzling\\DazzlingDragonEgg.png',
'Epic\\Ornamental\\Dazzling\\DazzlingDragonBaby.png',
'Epic\\Ornamental\\Dazzling\\DazzlingDragonJuvenile.png',
'Epic\\Ornamental\\Dazzling\\DazzlingDragonAdult.png', NULL, 'One
starry eve, astromancer Noel dePlante was gazing up through his
telescope when he saw something in the sky that was so bright, he was
temporarily blinded and had to look away. Compelled to discover what
space sight could be so bright, Noel magicked up a way to dim dazzle
shining through his telescope. And so was the first observation of the
Dazzling Dragon since Vinturfjordian legend, flying through the night
sky with its signature glow as if one with the stars.', NULL),
(305, 'Verglace Dragon', 3, 11, '25:00:00', '20:00:00',
'Epic\\Ornamental\\Verglace\\VerglaceDragonEgg.png',
'Epic\\Ornamental\\Verglace\\VerglaceDragonBaby.png',
'Epic\\Ornamental\\Verglace\\VerglaceDragonJuvenile.png',
'Epic\\Ornamental\\Verglace\\VerglaceDragonAdult.png', NULL, 'The
verglace dragon can be difficult to spot out in the open. It likes to
settle on icy lakes or in massive snowdrifts and sit still, immobile as
ice, in ponderous contemplation. Many wander over to stare at this
dragon\'s frozen facts, wondering if they\'re looking at an expertly
made ice sculpture - but no, it\'s just the verglace dragon,
remembering the fjords of home.', NULL),
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(306, 'Flicker Dragon', 3, 11, '25:00:00', '20:00:00',
'Epic\\Ornamental\\Flicker\\FlickerDragonEgg.png',
'Epic\\Ornamental\\Flicker\\FlickerDragonBaby.png',
'Epic\\Ornamental\\Flicker\\FlickerDragonJuvenile.png',
'Epic\\Ornamental\\Flicker\\FlickerDragonAdult.png', NULL, 'What are
the twinkling lights that float around this gentle creature? For a long
time, the prevailing theory was that the flicker dragon traveled the
tundra, drawn to stray fireflies. The people of the north would set
candles on their window sills, which would sometimes attract a passing
dragon. One day, a wise wizard pointed out that fireflies don\'t, in
fact, line anywhere near the far north. It appears the flicker dragon
was just making social visits!', NULL),
(307, 'Ornamental Dragon', 3, 11, '18:00:00', '14:24:00',
'Epic\\Ornamental\\Ornamental\\OrnamentalDragonEgg.png',
'Epic\\Ornamental\\Ornamental\\OrnamentalDragonBaby.png',
'Epic\\Ornamental\\Ornamental\\OrnamentalDragonJuvenile.png',
'Epic\\Ornamental\\Ornamental\\OrnamentalDragonAdult.png', NULL, 'On
bright snowy nights in the far northern town of Vinturfjord, you might
hear a jolly jingling in the distance. If you\'re lucky, it might be an
ornamental dragon dashing over the snow. Nobody knows how the
ornamental dragons grow their colorful spheres, but oh what fun they
bring to the Vale!', NULL),
(308, 'Lace Dragon', 3, 11, '31:00:00', '24:48:00',
'Epic\\Ornamental\\Lace\\LaceDragonEgg.png',
'Epic\\Ornamental\\Lace\\LaceDragonBaby.png',
'Epic\\Ornamental\\Lace\\LaceDragonJuvenile.png',
'Epic\\Ornamental\\Lace\\LaceDragonAdult.png', NULL, 'This dragon is
always dressed to the nines, thanks to the gossamer finery of its
features. Once a year, the lace dragon renews its flowing lace and the
remnants are collected by expert tailors. The resulting robes are some
of the most exquisite in DragonVale; witches and wizards from all over
bring bags of DragonCash for the privilege to wear them. The lace
dragon doesn\'t seem to mind - after all, imitation is the sincerest
form of flattery.', NULL),
(309, 'Serenity Dragon', 3, 11, '18:00:00', '14:24:00',
'Epic\\Aura\\Serenity\\SerenityDragonEgg.png',
'Epic\\Aura\\Serenity\\SerenityDragonBaby.png',
'Epic\\Aura\\Serenity\\SerenityDragonJuvenile.png',
'Epic\\Aura\\Serenity\\SerenityDragonAdult.png', NULL, 'You\'ll know a
serenity dragon is nearby when a lovely feeling of calm washes over
you, and you find yourself stopping in your tracks to smell the flowers
and admire the view. In fact, when poet Norbert Frost first observed
the effects of the serenity dragon, he was so moved, he created a
scroll of poems inspired by this dragon\'s serene nature. His poetry
readings are now the most popular in DragonVale!', NULL),
(310, 'Ire Dragon', 3, 11, '12:00:00', '09:36:00',
'Epic\\Aura\\Ire\\IreDragonEgg.png',
'Epic\\Aura\\Ire\\IreDragonBaby.png',
'Epic\\Aura\\Ire\\IreDragonJuvenile.png',
'Epic\\Aura\\Ire\\IreDragonAdult.png', NULL, 'Contrary to its name and
appearance, the ire dragon seems to be one of the friendliest dragons
in DragonVale. "Happy as an ire dragon" is a common saying in
DragonVale, and is not, in fact, meant to be ironic. Of course, this
leads to some confusion for any who are unfamiliar with the ire dragon,
but no one ever said idioms are easy.', NULL),
(311, 'Melancholy Dragon', 3, 11, '24:00:00', '19:12:00',
'Epic\\Aura\\Melancholy\\MelancholyDragonEgg.png',
'Epic\\Aura\\Melancholy\\MelancholyDragonBaby.png',
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'Epic\\Aura\\Melancholy\\MelancholyDragonJuvenile.png',
'Epic\\Aura\\Melancholy\\MelancholyDragonAdult.png', NULL, 'Despite its
name, the melancholy dragon isn\'t actually gloomy -- instead, this
droopy-looking dragon seems to be more like a sadness-soaking sponge.
Visitors claim that spending time with this dragon actually seems to
lift their spirits, as if the melancholy dragon absorbs their troubles.
In fact, it\'s not uncommon for magical healers to prescribe an
afternoon with this adorably mopey dragon to cure a case of blue-hoos.
Whether it works or not, the gloomy dragon doesn\'t seem to mind the
company.', NULL),
(312, 'Delight Dragon', 3, 11, '36:00:00', '28:48:00',
'Epic\\Aura\\Delight\\DelightDragonEgg.png',
'Epic\\Aura\\Delight\\DelightDragonBaby.png',
'Epic\\Aura\\Delight\\DelightDragonJuvenile.png',
'Epic\\Aura\\Delight\\DelightDragonAdult.png', NULL, 'Yay, it\'s the
delight dragon! Look at how happy it looks! That happiness is
infectious! Literally infectious! Any who visit the delight dragon just
can\'t stop smiling, laughing, and writing with overzealous exclamation
points! It\'s actually something of a problem, but everyone is just too
darn happy to care! Three cheers for the delight dragon!', NULL),
(313, 'Surprise Dragon', 3, 11, '24:00:00', '19:12:00',
'Epic\\Aura\\Surprise\\SurpriseDragonEgg.png',
'Epic\\Aura\\Surprise\\SurpriseDragonBaby.png',
'Epic\\Aura\\Surprise\\SurpriseDragonJuvenile.png',
'Epic\\Aura\\Surprise\\SurpriseDragonAdult.png', NULL, 'Surprise
dragons are notorious for appearing when you least expect them,
although there\'s always a good possibility for one sneaking up on you
when you\'re carrying something. Valefolk still talk about the time
when a surprise dragon startled Ma\' Goody while carrying a basket of
dragon treats. Dragon treats EVERYWHERE. But the surprise dragon was
more than happy to help with eatup -- uh, cleanup, that is.', NULL),
(314, 'Chrysalis Dragon', 3, 11, '33:20:00', '26:40:00',
'Epic\\Chrysalis\\Chrysalis\\ChrysalisDragonEgg.png',
'Epic\\Chrysalis\\Chrysalis\\ChrysalisDragonBaby.png',
'Epic\\Chrysalis\\Chrysalis\\ChrysalisDragonJuvenile.png',
'Epic\\Chrysalis\\Chrysalis\\ChrysalisDragonAdult.png', NULL,
'Springtime seems to be this dragon\'s favorite time of year. As a
baby, the chrysalis dragon will happily wriggle along in its habitat,
charming visitors with its cuteness. Once it grows up a bit, the
chrysalis dragon blossoms some sweet plumage. Who needs wings when you
have a spike beard?', NULL),
(315, 'Duskwing Dragon', 3, 11, '33:20:00', '26:40:00',
'Epic\\Chrysalis\\Duskwing\\DuskwingDragonEgg.png',
'Epic\\Chrysalis\\Duskwing\\DuskwingDragonBaby.png',
'Epic\\Chrysalis\\Duskwing\\DuskwingDragonJuvenile.png',
'Epic\\Chrysalis\\Duskwing\\DuskwingDragonAdult.png', NULL, 'Ancient
scrolls tell the tail -- er, TALE -- of the duskwing dragon as the
bearer of the night sky, flying over the Vale at every sunset with the
dusk on its wings. The legend persisted for some time, but after
further study, it looks like the duskwing dragon just likes flying at
sunset. Hey, if you had wings, you\'d probably like flying at sunset
too.', NULL),
(316, 'Lacewing Dragon', 3, 11, '41:20:00', '33:04:00',
'Epic\\Chrysalis\\Lacewing\\LacewingDragonEgg.png',
'Epic\\Chrysalis\\Lacewing\\LacewingDragonBaby.png',
'Epic\\Chrysalis\\Lacewing\\LacewingDragonJuvenile.png',
'Epic\\Chrysalis\\Lacewing\\LacewingDragonAdult.png', NULL, 'We\'re
pretty sure this dragon\'s wings aren\'t made of lace. After all, how
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would it fly? Well, magically, one supposes. Okay, so, maybe its wings
are made of magic lace. But where does magic lace come from? Magic
thread? All good questions.', NULL),
(317, 'Marbletail Dragon', 3, 11, '50:40:00', '40:32:00',
'Epic\\Chrysalis\\Marbletail\\MarbletailDragonEgg.png',
'Epic\\Chrysalis\\Marbletail\\MarbletailDragonBaby.png',
'Epic\\Chrysalis\\Marbletail\\MarbletailDragonJuvenile.png',
'Epic\\Chrysalis\\Marbletail\\MarbletailDragonAdult.png', NULL, 'Famed
Vale artist and inventor Kassan once tried to enlist the help of a
marbletail dragon with a new painting technique inspired by the
dragon\'s aptly named tail. Unfortunately, marbletail dragons aren\'t
exactly helpful studio assistants -- the final result was less marbled
and more just paint splattered on a canvas. Maybe this dragon is more
of a pollocktail at heart.', NULL),
(318, 'Swallowtail Dragon', 3, 11, '41:20:00', '33:04:00',
'Epic\\Chrysalis\\Swallowtail\\SwallowtailDragonEgg.png',
'Epic\\Chrysalis\\Swallowtail\\SwallowtailDragonBaby.png',
'Epic\\Chrysalis\\Swallowtail\\SwallowtailDragonJuvenile.png',
'Epic\\Chrysalis\\Swallowtail\\SwallowtailDragonAdult.png', NULL,
'There\'s a fantastic tale in the Vale\r\nof a dragon called
swallowtail.\r\nIts tail is so pleasant\r\nyou\'ll flock to its
presence\r\nto witness its glorious scale!', NULL),
(319, 'Trimera Dragon', 3, 18, '19:26:40', '15:33:20',
'Epic\\Olympus\\Trimera\\TrimeraDragonEgg.png',
'Epic\\Olympus\\Trimera\\TrimeraDragonBaby.png',
'Epic\\Olympus\\Trimera\\TrimeraDragonJuvenile.png',
'Epic\\Olympus\\Trimera\\TrimeraDragonAdult.png', NULL, 'So it is told,
Every 300 years, the trimera dragon appears.\r\nThrice in heads, thrice
in bite, have you ever seen such a wondrous sight?\r\nYet, a
philosophical quandary trickles the Vale: Can a trimera dragon chase
its own tail?', NULL),
(320, 'Fates Dragon', 3, 18, '20:00:00', '16:00:00',
'Epic\\Olympus\\Fates\\FatesDragonEgg.png',
'Epic\\Olympus\\Fates\\FatesDragonBaby.png',
'Epic\\Olympus\\Fates\\FatesDragonJuvenile.png',
'Epic\\Olympus\\Fates\\FatesDragonAdult.png', NULL, 'Triple, triple
wings a-ripple, breaths a-blast and tails a-wriggle,\r\nthree as one, a
woven pack, each believed to have a knack:\r\none for spinning, one for
spanning,\r\none for chomping---fateful planning!', NULL),
(321, 'Dawnbringer Dragon', 3, 17, '35:00:00', '28:00:00',
'Epic\\Olympus\\Dawnbringer\\DawnbringerDragonEgg.png',
'Epic\\Olympus\\Dawnbringer\\DawnbringerDragonBaby.png',
'Epic\\Olympus\\Dawnbringer\\DawnbringerDragonJuvenile.png',
'Epic\\Olympus\\Dawnbringer\\DawnbringerDragonAdult.png', NULL, 'From
the Vellum of Visions, An Ode to the Dawnbringer
Dragon:\r\nDawnbringer, light giver, Guide the sun to rise, And when
the world is sleeping, descend from darkened skies. And when the day
should break anew, No dragon for the task but you.', NULL),
(323, 'Thicket Dragon', 2, 11, '15:00:00', '12:00:00',
'Limited\\Thicket\\ThicketDragonEgg.png',
'Limited\\Thicket\\ThicketDragonBaby.png',
'Limited\\Thicket\\ThicketDragonJuvenile.png',
'Limited\\Thicket\\ThicketDragonAdult.png', NULL, 'Baby thicket dragons
learn quickly that their little dangling vines aren\'t toys - or food,
for that matter. One nibble is all it takes to teach them that those
vines are attached! Gardenia has a theory about why these dragons grow
vines, but the rest of the Vale is content to appreciate the aesthetic
value of "total cuteness."', NULL),
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(324, 'Flurry Dragon', 2, 16, '18:00:00', '14:24:00',
'Limited\\Flurry\\FlurryDragonEgg.png',
'Limited\\Flurry\\FlurryDragonBaby.png',
'Limited\\Flurry\\FlurryDragonJuvenile.png',
'Limited\\Flurry\\FlurryDragonAdult.png', NULL, 'You can thank Lumi,
the lovely little winter witch, for the discovery of the flurry dragon.
While creating her patented cauldron-to-sky snowflakes one particularly
blustery winter, a dragon came careering out of the sky and plopped
right in the cauldron! It seemed the flurry dragon couldn\'t resist the
allure of a fresh batch of snow--so much so that it wouldn\'t leave.
Lumi had to suspend snowfall that day, but it was worth it for a fellow
flurry-fanatical friend.', NULL),
(325, 'Ribbon Dragon', 3, 11, '19:00:00', '15:12:00',
'Epic\\Ornamental\\Ribbon\\RibbonDragonEgg.png',
'Epic\\Ornamental\\Ribbon\\RibbonDragonBaby.png',
'Epic\\Ornamental\\Ribbon\\RibbonDragonJuvenile.png',
'Epic\\Ornamental\\Ribbon\\RibbonDragonAdult.png', NULL, 'From the
homework scrolls of the House of the Icy Torrent:\r\nA herald of the
winter\'s tidings is the ribbon dragon\'s gliding!\r\n\r\nStreaming
serenely through the sky, the ribbon dragon loves to fly.\r\n\r\nIt
wraps between the darkest clouds a thread of color, clear and
proud.\r\n\r\nShould you look up and see a glimmer, it might be the
ribbon dragon\'s shimmer!', NULL),
(326, 'Cuddlewing Dragon', 2, 12, '28:00:00', '22:24:00',
'Limited\\Cuddlewing\\CuddlewingDragonEgg.png',
'Limited\\Cuddlewing\\CuddlewingDragonBaby.png',
'Limited\\Cuddlewing\\CuddlewingDragonJuvenile.png',
'Limited\\Cuddlewing\\CuddlewingDragonAdult.png', NULL, 'Don\'t you
just adore this cuddlewing dragon? Its unique patterning of heart
scales makes magicfolk "ooh" and "aww" (but mostly "aww.") Even its
horns and wings are heart-shaped! You could say this dragon has a lot
of heart... but the Preternatural Parliament for the Prevention of
Painful Puns recommends that you don\'t.', NULL),
(327, 'Ambrosia Dragon', 2, 11, '23:00:00', '18:24:00',
'Limited\\Ambrosia\\AmbrosiaDragonEgg.png',
'Limited\\Ambrosia\\AmbrosiaDragonBaby.png',
'Limited\\Ambrosia\\AmbrosiaDragonJuvenile.png',
'Limited\\Ambrosia\\AmbrosiaDragonAdult.png', NULL, 'Ancient scrolls
hint toward a connection between the ambrosia dragon and Olympus
dragons, suggesting a mythical friendship, but modern scrolls scholars
have yet to decipher the legend. But that\'s not only the unusual thing
about the ambrosia dragon--it\'s also one of the few dragons to have
its own scent! Fortunately, unlike the sulfur dragon, the ambrosia
dragon smells of honey, flowers, and all things sublimely sweet. Which
begs the question: If you were to put a sulfur dragon in an Omnitat
with an ambrosia dragon, which scent would be more powerful?', NULL),
(328, 'Apocalypse Dragon', 3, 17, '20:12:00', '16:09:36',
'Epic\\Apocalypse\\Apocalypse\\ApocalypseDragonEgg.png',
'Epic\\Apocalypse\\Apocalypse\\ApocalypseDragonBaby.png',
'Epic\\Apocalypse\\Apocalypse\\ApocalypseDragonJuvenile.png',
'Epic\\Apocalypse\\Apocalypse\\ApocalypseDragonAdult.png', NULL, 'When
the mythic volcano Garita erupted, wizards feared the end of the world.
Luckily the only thing that emerged form those ash clouds were these
incredible dragons. Be careful with teething young Apocalypse dragons
as they love to gnaw on wizard footwear. You wouldn\'t want one to
swallow your sole.', NULL),
(329, 'Autumn Dragon', 3, 14, '24:00:00', '19:12:00',
'Epic\\Seasonal\\Autumn\\AutumnDragonEgg.png',
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'Epic\\Seasonal\\Autumn\\AutumnDragonBaby.png',
'Epic\\Seasonal\\Autumn\\AutumnDragonJuvenile.png',
'Epic\\Seasonal\\Autumn\\AutumnDragonAdult.png', NULL, 'Autumn dragons
can be found roaming the Crane Forest. Autumn dragons normally shed
prodigiously, which translates into a huge habitat maintenance problem.
Thankfully, the alchemist Keats created a magical salve to prevent
shedding.', NULL),
(330, 'Party Dragon', 3, 11, '54:00:00', '43:12:00',
'Epic\\Rainbow\\Party\\PartyDragonEgg.png',
'Epic\\Rainbow\\Party\\PartyDragonBaby.png',
'Epic\\Rainbow\\Party\\PartyDragonJuvenile.png',
'Epic\\Rainbow\\Party\\PartyDragonAdult.png', NULL, 'The intrepid
explorer Ser Rocco was traversing the Kakapo mountains when something
lively caught his eye. It was a group of party dragons excited by the
sight of his airship and vying for his attention! Thinking it might be
his last chance to see a new dragon discovered, Ser Rocco invited
several of these dragons aboard his airship. Since then, party dragons
have been renowned for their bouncy, happy attitude.', NULL),
(331, 'Rosegold Dragon', 2, 19, '30:00:00', '24:00:00',
'Limited\\Rosegold\\RosegoldDragonEgg.png',
'Limited\\Rosegold\\RosegoldDragonBaby.png',
'Limited\\Rosegold\\RosegoldDragonJuvenile.png',
'Limited\\Rosegold\\RosegoldDragonAdult.png', NULL, 'Metal magic expert
Shi Nee is just fascinated by the rosegold dragon\'s tail and wings.
Made of a delicate metal scalework, the twisting tail and whimsical
wings are as light as flower petals, allowing the rosegold dragon to
soar in style, unencumbered. That explains the wizard saying "I feel as
light as a fleet of rosegold dragons!"', NULL),
(332, 'Decay Dragon', 2, 11, '24:00:00', '19:12:00',
'Limited\\Decay\\DecayDragonEgg.png',
'Limited\\Decay\\DecayDragonBaby.png',
'Limited\\Decay\\DecayDragonJuvenile.png',
'Limited\\Decay\\DecayDragonAdult.png', NULL, 'The decay dragon is the
star of spooky bedtime story in the Vale, giving it somewhat of an
unfair reputation. Parents tell their children not to play tricks, or
else the decay dragon will drag them from their beds and bring them to
a horrible land without candy! In reality, though, the decay dragon\'s
interests are more about eating treats, and less about dragging little
witches and wizards off into the night.', NULL),
(333, 'Harvest Moon Dragon', 3, 14, '18:00:00', '14:24:00',
'Epic\\SunMoon\\HarvestMoon\\HarvestMoonDragonEgg.png',
'Epic\\SunMoon\\HarvestMoon\\HarvestMoonDragonBaby.png',
'Epic\\SunMoon\\HarvestMoon\\HarvestMoonDragonJuvenile.png',
'Epic\\SunMoon\\HarvestMoon\\HarvestMoonDragonAdult.png', NULL, 'The
outrageously orange harvest moon is a rare sighting in the Vale,
usually occurring in the late summer or early autumn--but yet more rare
is the harvest moon dragon! This shy sweetie seems to be smitten with
its namesake, generally appearing when the lunar orb is cast in harvest
hues. You might consider decorating your park in shades of orange to
make this dragon feel right at home!', NULL),
(334, 'Jasper Dragon', 3, 21, '35:00:00', '28:00:00',
'Crystalline\\Jasper\\JasperDragonEgg.png',
'Crystalline\\Jasper\\JasperDragonBaby.png',
'Crystalline\\Jasper\\JasperDragonJuvenile.png',
'Crystalline\\Jasper\\JasperDragonAdult.png', NULL, 'When a baby jasper
dragon followed Esme Treen home one day, the witch had no idea what to
make of the especially social, bouncy creature. The magical
similarities to gemstone dragons seemed clear, but this breed exhibited
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unique social behaviors. Esme hypothesized that a single population of
gemstone dragons became separated in ancient times, resulting in two
distinct classes of dragon. It may be that even more crystalline
dragons are waiting to discover unassuming wizards! This dragon cannot
breed at this time.', NULL),
(335, 'Tourmaline Dragon', 3, 21, '35:00:00', '28:00:00',
'Crystalline\\Tourmaline\\TourmalineDragonEgg.png',
'Crystalline\\Tourmaline\\TourmalineDragonBaby.png',
'Crystalline\\Tourmaline\\TourmalineDragonJuvenile.png',
'Crystalline\\Tourmaline\\TourmalineDragonAdult.png', NULL, 'Between
their epic, flashy coloration and and an inherent magnetic charm,
tourmaline dragons are more social than other dragons. It\'s difficult
to say exactly how and how much dragons communicate with ( or pay
attention to) each other, but tourmaline dragons at least pause before
wandering off to-- Oooo, something shiny! This dragon cannot breed at
this time.', NULL),
(336, 'Bismuth Dragon', 3, 21, '34:30:00', '27:36:00',
'Crystalline\\Bismuth\\BismuthDragonEgg.png',
'Crystalline\\Bismuth\\BismuthDragonBaby.png',
'Crystalline\\Bismuth\\BismuthDragonJuvenile.png',
'Crystalline\\Bismuth\\BismuthDragonAdult.png', NULL, 'The Wizard
Dayleeon sought the Fountain of Youth not only to cure the infirmities
of old age, but also to banish the constant stomach pains that plagued
him. It was eventually discovered that the Fountain\'s properties only
applied to dragons, but Dayleeon found something much more valuable
during his adventure: the bismuth dragon. This crystalline dragon\'s
geometric adornments project a soothing aura that can cure the most
upset of tummies. This dragon cannot breed at this time.', NULL),
(337, 'Sanguinite Dragon', 3, 21, '36:00:00', '28:48:00',
'Crystalline\\Sanguinite\\SanguiniteDragonEgg.png',
'Crystalline\\Sanguinite\\SanguiniteDragonBaby.png',
'Crystalline\\Sanguinite\\SanguiniteDragonJuvenile.png',
'Crystalline\\Sanguinite\\SanguiniteDragonAdult.png', NULL, 'Mt. Mashe
- known as the the Bleeding Mountain to locals - is home to many
undiscovered wonders beyond it intimidating walls. A fluid like a dark,
cold magma seeps from the mountain\'s crags and is collected by the
sanguinite dragons that live in its caves. This fluid then hardens into
solid \'bubbles\' along the dragon\'s head and back. Deposits have been
found in the caves that resemble the dragon\'s shape, leading the
wizards to believe that it shares some sort of symbiotic life cycle
with the mountain itself. We\'re stumped by the specifies, but luckily
we\'ve transplanted the effects to our crystalline habitats, allowing
this strange and wonderful dragon to join your park! This dragon cannot
breed at this time.', NULL),
(338, 'Mesolite Dragon', 3, 21, '31:00:00', '24:48:00',
'Crystalline\\Mesolite\\MesoliteDragonEgg.png',
'Crystalline\\Mesolite\\MesoliteDragonBaby.png',
'Crystalline\\Mesolite\\MesoliteDragonJuvenile.png',
'Crystalline\\Mesolite\\MesoliteDragonAdult.png', NULL, 'Watching the
mesolite dragon fly is even more impressive when you realize that each
of the \'feathers\' are solid crystal, weighing in at over a tonne
combined! Most of these are on the dragon\'s wings, which it has to
fold up carefully when walking to avoid being tipped over. So how does
the dragon fly at all? Simple, it\'s magic! This dragon cannot breed at
this time.', NULL),
(339, 'Pyrite Dragon', 3, 21, '36:00:00', '28:48:00',
'Crystalline\\Pyrite\\PyriteDragonEgg.png',
'Crystalline\\Pyrite\\PyriteDragonBaby.png',
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'Crystalline\\Pyrite\\PyriteDragonJuvenile.png',
'Crystalline\\Pyrite\\PyriteDragonAdult.png', NULL, 'When first
observed, the pyrite dragon was thought to be a gold dragon because of
the magnificent luster of its wings and horns. Closer inspection
revealed this was a foolish assumption, since the gold dragon is
notoriously heavier than its pyrite cousin. Nevertheless, many witches
and wizards believe this dragon to bring good fortune to any upon whom
the shadow of its flying form falls. This dragon cannot breed at this
time.', NULL),
(340, 'Barite Dragon', 3, 21, '35:00:00', '28:00:00',
'Crystalline\\Barite\\BariteDragonEgg.png',
'Crystalline\\Barite\\BariteDragonBaby.jpg',
'Crystalline\\Barite\\BariteDragonJuvenile.png',
'Crystalline\\Barite\\BariteDragonAdult.png', NULL, 'Not one of
DragonVale\'s great dancers, the barite dragon. As a baby, its feet are
almost as large as its head, making this adorably disproportionate
dragon prone to tripping over itself. Fortunately, the clumsiness of
the barite dragon improves with age; as a flightless dragon, it helps
to have a leg up on coordination. Still, if you see a dancing barite
dragon, you may want to give some space. This dragon cannot breed at
this time.', NULL);
INSERT INTO `dragon` (`DragonID`, `DragonName`, `TypeID`,
`UnlockLevel`, `BreedTimeReg`, `BreedTimeUpgrade`, `EggImage`,
`BabyImage`, `TeenImage`, `AdultImage`, `ElderImage`, `Description`,
`Notes`) VALUES
(341, 'Okenite Dragon', 3, 21, '31:00:00', '24:48:00',
'Crystalline\\Okenite\\OkeniteDragonEgg.png',
'Crystalline\\Okenite\\OkeniteDragonBaby.png',
'Crystalline\\Okenite\\OkeniteDragonJuvenile.png',
'Crystalline\\Okenite\\OkeniteDragonAdult.png', NULL, 'The okenite
dragon is not to be confused with the cotton dragon, although both
share characteristic fluffy white tails. In fact, if you were to pet an
okenite dragon, you might be surprised to find it isn\'t fluffy at all!
It\'s pointy, crystalline skin makes it closer in texture to a cactus
dragon -- which doesn\'t stop the okenite dragon from trying to nuzzle
visitors. Better to admire from a distance. This dragon cannot breed at
this time.', NULL),
(342, 'Quartz Dragon', 3, 21, '30:00:00', '24:00:00',
'Crystalline\\Quartz\\QuartzDragonEgg.png',
'Crystalline\\Quartz\\QuartzDragonBaby.png',
'Crystalline\\Quartz\\QuartzDragonJuvenile.png',
'Crystalline\\Quartz\\QuartzDragonAdult.png', NULL, 'The quartz dragon
is just adorable. Valefolk find its crystalline wings so enticing,
they\'ve started conjuring witch- and wizard-sized replicas to wear as
fashion accessories. Unfortunately, no one thought of a spell to sand
down the pointy ends, creating quite the painful fashion faux pas for
anyone standing behind the wing wearer. This dragon cannot breed at
this time.', NULL),
(343, 'Wavelyte Dragon', 3, 21, '36:00:00', '28:48:00',
'Crystalline\\Wavelyte\\WavelyteDragonEgg.png',
'Crystalline\\Wavelyte\\WavelyteDragonBaby.png',
'Crystalline\\Wavelyte\\WavelyteDragonJuvenile.png',
'Crystalline\\Wavelyte\\WavelyteDragonAdult.png', NULL, 'Don\'t pet the
wavelyte dragon for at least 30 minutes after eating. Wait sorry, wrong
scroll-that\'s the rule for swimming in the ocean. Waves, wavelyte...
you understand the mixup. Anyway, the wavelyte dragon likes visitors to
pay it attention anytime, especially if they share whatever they\'re
eating. This dragon cannot breed at this time.', NULL),
```

```
(344, 'Azurite Dragon', 3, 18, '35:00:00', '28:00:00',
'Crystalline\\Azurite\\AzuriteDragonEgg.png',
'Crystalline\\Azurite\\AzuriteDragonBaby.png',
'Crystalline\\Azurite\\AzuriteDragonJuvenile.png',
'Crystalline\\Azurite\\AzuriteDragonAdult.png', NULL, 'When the
ancients first happened upon a sleeping azurite dragon in the depths of
the Geria Mines, they mistook its brilliant blue hue for a magical aura
thought to signify a rift in spacetime. Spurred to action, the ancients
quickly cast a freezing spell, hoping to stop the assumed rift from
expanding---what a surprise for the azurite dragon! Fortunately, the
freezing spell did little more to the dragon than deepen the azure
shade of its scales. You might say it was pretty chill about the
misunderstanding. This dragon cannot breed at this time.', NULL),
(345, 'Labradorite Dragon', 3, 21, '36:00:00', '28:48:00',
'Crystalline\\Labradorite\\LabradoriteDragonEgg.png',
'Crystalline\\Labradorite\\LabradoriteDragonBaby.png',
'Crystalline\\Labradorite\\LabradoriteDragonJuvenile.png',
'Crystalline\\Labradorite\\LabradoriteDragonAdult.png', NULL, 'First
discovered in the Plagioclase Caves of the northern lands, the
labrodorite dragon is best known for its iridescent, itty-bitty wings.
What it lacks in wingspan, however, it makes up for in sheer joie de
vivre. The labradorite dragon is one of the Vale\'s friendliest
dragons, always up for a game of Dragon Treat Catch or Wand Fetch. This
dragon cannot breed at this time.', NULL);

--
-- Triggers `dragon`
--
DELIMITER $$
CREATE TRIGGER `NewBreedTimeUpgrade` BEFORE INSERT ON `dragon` FOR EACH
ROW SET NEW.BreedTimeUpgrade = NEW.BreedTimeReg * 0.8
$$
DELIMITER ;

-- --------------------------------------------------------

--
-- Table structure for table `dragonelement`
--

CREATE TABLE `dragonelement` (
  `DragonID` int(11) NOT NULL,
  `ElementID` int(11) NOT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `dragonelement`
--

INSERT INTO `dragonelement` (`DragonID`, `ElementID`) VALUES
(1, 1),
(2, 3),
(3, 2),
(4, 4),
(5, 5),
(6, 6),
(7, 8),
(8, 7),
```

```
(9, 9),
(10, 10),
(15, 1),
(16, 1),
(17, 1),
(18, 1),
(20, 1),
(21, 1),
(36, 1),
(38, 1),
(40, 1),
(54, 1),
(55, 1),
(56, 1),
(59, 1),
(60, 1),
(71, 1),
(72, 1),
(73, 1),
(77, 1),
(80, 1),
(81, 1),
(109, 1),
(111, 16),
(118, 1),
(123, 16),
(127, 1),
(133, 1),
(135, 1),
(140, 1),
(141, 1),
(145, 1),
(147, 1),
(149, 1),
(150, 1),
(151, 1),
(154, 1),
(156, 1),
(158, 1),
(159, 1),
(161, 1),
(164, 1),
(165, 9),
(165, 26),
(166, 10),
(166, 26),
(167, 1),
(172, 1),
(174, 1),
(175, 13),
(177, 1),
(179, 1),
(181, 1),
(182, 1),
(183, 1),
(184, 1),
(185, 1),
(186, 1),
```

```
(187, 1),
(188, 1),
(192, 1),
(193, 1),
(194, 1),
(195, 12),
(196, 12),
(197, 12),
(198, 12),
(199, 12),
(200, 12),
(201, 12),
(202, 12),
(203, 12),
(204, 12),
(205, 12),
(206, 12),
(207, 12),
(208, 12),
(209, 12),
(210, 12),
(211, 12),
(212, 14),
(213, 21),
(214, 22),
(215, 23),
(216, 16),
(217, 16),
(218, 16),
(219, 13),
(220, 23),
(221, 23),
(222, 16),
(223, 14),
(224, 23),
(225, 15),
(226, 23),
(227, 16),
(228, 16),
(229, 16),
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(232, 15),
(233, 20),
(234, 20),
(235, 20),
(236, 20),
(237, 20),
(238, 19),
(239, 19),
(240, 19),
(241, 19),
(242, 19),
(243, 11),
(244, 11),
(245, 11),
(246, 11),
(247, 11),
```

```
(248, 11),
(249, 11),
(250, 11),
(251, 11),
(252, 11),
(253, 11),
(254, 11),
(255, 11),
(256, 11),
(257, 11),
(258, 14),
(259, 16),
(260, 16),
(261, 16),
(262, 16),
(263, 18),
(264, 1),
(265, 27),
(266, 15),
(267, 27),
(268, 1),
(270, 28),
(271, 28),
(272, 16),
(274, 14),
(275, 21),
(276, 22),
(277, 21),
(277, 22),
(278, 21),
(278, 22),
(279, 21),
(279, 22),
(280, 14),
(281, 13),
(282, 13),
(283, 15),
(284, 13),
(285, 22),
(286, 16),
(287, 13),
(288, 21),
(288, 22),
(289, 21),
(289, 22),
(290, 14),
(291, 13),
(292, 21),
(293, 18),
(294, 13),
(295, 14),
(296, 22),
(297, 16),
(297, 18),
(298, 18),
(299, 21),
(300, 23),
(301, 16),
```

```
(301, 18),
(302, 15),
(302, 22),
(303, 21),
(304, 27),
(305, 27),
(306, 27),
(307, 27),
(309, 28),
(310, 28),
(311, 28),
(312, 28),
(313, 28),
(314, 24),
(316, 24),
(317, 24),
(318, 24),
(319, 16),
(320, 16),
(321, 16),
(322, 16),
(323, 1),
(325, 27),
(326, 1),
(327, 1),
(328, 15),
(329, 13),
(330, 14),
(331, 1),
(333, 22),
(334, 17),
(335, 17),
(336, 17),
(337, 17),
(338, 17),
(339, 17),
(340, 17),
(341, 17),
(342, 17),
(343, 17),
(344, 17),
(345, 17);

-- --------------------------------------------------------

--
-- Table structure for table `dragonpark`
--

CREATE TABLE `dragonpark` (
  `DragonID` int(11) NOT NULL,
  `ParkID` int(11) NOT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

-- --------------------------------------------------------

--
-- Table structure for table `dragontype`
```

```
--

CREATE TABLE `dragontype` (
  `TypeID` int(11) NOT NULL,
  `TypeName` varchar(30) NOT NULL,
  `MaxLevel` int(11) DEFAULT NULL,
  `TypeIcon` varchar(100) DEFAULT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `dragontype`
--

INSERT INTO `dragontype` (`TypeID`, `TypeName`, `MaxLevel`, `TypeIcon`)
VALUES
(1, 'Primary', NULL, ''),
(2, 'Hybrid', 20, ''),
(3, 'Epic', 10, 'Icon_Epic.png'),
(4, 'Legendary', NULL, 'Icon_Legendary.png'),
(5, 'Mythic', NULL, 'MythicIconB.png');

-- --------------------------------------------------------

--
-- Table structure for table `element`
--

CREATE TABLE `element` (
  `ElementID` int(11) NOT NULL,
  `ElementName` varchar(30) NOT NULL,
  `ElementIcon` varchar(100) DEFAULT NULL,
  `ElementNotes` text
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `element`
--

INSERT INTO `element` (`ElementID`, `ElementName`, `ElementIcon`,
`ElementNotes`) VALUES
(1, 'Plant', 'Icon_Plant.png', NULL),
(2, 'Fire', 'Icon_Fire.png', NULL),
(3, 'Earth', 'Icon_Earth.png', NULL),
(4, 'Cold', 'Icon_Cold.png', NULL),
(5, 'Lightning', 'Icon_Lightning.png', NULL),
(6, 'Water', 'Icon_Water.png', NULL),
(7, 'Metal', 'Icon_Metal.png', NULL),
(8, 'Air', 'Icon_Air.png', NULL),
(9, 'Light', 'Icon_Light.png', NULL),
(10, 'Dark', 'Icon_Dark.png', NULL),
(11, 'Galaxy', 'Icon_Galaxy.png', 'Galaxy dragons can only be bred
through cooperative breeding.\n\nThe cooperative breeding must be
performed at the Cooperative Breeding Cave.\n\nEach of these dragons
has a very low chance of being bred.\n\nThe chances of each of these
dragons being bred are lower than the other dragons in the game.'),
(12, 'Gemstone', 'Icon_Gemstone.png', 'Each gemstone dragon has only
one breeding combination.\n\nEach of these dragons has a very low
chance of being bred.\n\nThe chances of each of these dragons being
```

```
bred are slightly raised by the Epic Breeding Island and the Epic
Breeding Sanctuary.'),
(13, 'Seasonal', 'Icon_Seasonal.png', NULL),
(14, 'Rainbow', 'Icon_Rainbow.png', NULL),
(15, 'Apocalypse', 'Icon_Apocalypse.png', NULL),
(16, 'Olympus', 'Icon_Olympus.png', NULL),
(17, 'Crystalline', 'Icon_Crystalline.png', 'Each crystalline dragon
has only one breeding combination.\n\nEach of these dragons has a very
low chance of being bred.\n\nThe chances of each of these dragons being
bred are slightly raised by the Epic Breeding Island and the Epic
Breeding Sanctuary.\nThe chances of each of these dragons being bred
are also slightly increased by feeding your dragons to levels above
10.'),
(18, 'Dream', 'Icon_Dream.png', NULL),
(19, 'Monolith', 'Icon_Monolith.png', 'Any of the Monolith Dragons are
able to be bred if the player has at least two Monolith
Dragons\nBreeding any of the Monolith Dragons with any other Monolith
Dragons may result in any of the six Monolith Dragons.'),
(20, 'Snowflake', 'Icon_Snowflake.png', 'Any of the Snowflake Dragons
are able to be bred if the player has at least two Snowflake
Dragons.\nBreeding any of the Snowflake Dragons together may result in
any of the five Snowflake Dragons.'),
(21, 'Sun', 'Icon_Sun.png', NULL),
(22, 'Moon', 'Icon_Moon.png', NULL),
(23, 'Treasure', 'Icon_Treasure.png', NULL),
(24, 'Chrysalis', 'Icon_Chrysalis.png', NULL),
(25, 'Hidden', 'Icon_Hidden.png', NULL),
(26, 'Rift', 'Icon_Rift.png', NULL),
(27, 'Ornamental', 'Icon_Ornamental.png', NULL),
(28, 'Aura', 'Icon_Aura.png', NULL);

-- --------------------------------------------------------

--
-- Table structure for table `limitededition`
--

CREATE TABLE `limitededition` (
  `LtdID` int(11) NOT NULL,
  `EditionName` varchar(30) NOT NULL,
  `DateFrom` date DEFAULT NULL,
  `DateTo` date DEFAULT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `limitededition`
--

INSERT INTO `limitededition` (`LtdID`, `EditionName`, `DateFrom`,
`DateTo`) VALUES
(1, 'Spring', '2017-03-01', '2017-05-31'),
(2, 'Summer', '2017-06-01', '2017-08-31'),
(3, 'Autumn', '2017-09-01', '2017-11-30'),
(4, 'Winter', '2017-12-01', '2018-02-28'),
(5, 'January', '2017-01-01', '2017-01-31'),
(6, 'February', '2017-02-01', '2017-02-28'),
(7, 'March', '2017-03-01', '2017-03-31'),
(8, 'April', '2017-04-01', '2017-04-30'),
```

```
(9, 'May', '2017-05-01', '2017-05-31'),
(10, 'June', '2017-06-01', '2017-06-30'),
(11, 'July', '2017-07-01', '2017-07-31'),
(12, 'August', '2017-08-01', '2017-08-31'),
(13, 'September', '2017-09-01', '2017-09-30'),
(14, 'October', '2017-10-01', '2017-10-31'),
(15, 'November', '2017-11-01', '2017-11-30'),
(16, 'December', '2017-12-01', '2017-12-31'),
(17, 'MayAug', '2017-05-01', '2017-08-01'),
(18, 'AugNov', '2017-08-01', '2017-11-01'),
(19, 'NovMar', '2017-11-01', '2018-03-01'),
(20, 'MarMay', '2018-03-01', '2018-05-01'),
(21, 'Gathering of Roses', '2018-01-25', '2018-02-22'),
(22, 'Mythic Egg Hunt', '2018-04-02', '2018-04-26'),
(23, 'Tails From The Campfire', '2017-10-12', '2017-11-09'),
(24, 'Jolly Jubilee', '2017-12-01', '2018-01-03'),
(25, 'LeapYear', '2020-02-01', '2020-02-29'),
(26, 'Om of Noms', NULL, NULL),
(27, 'Roar of the Rift', NULL, NULL),
(28, 'Bring \'Em Back', NULL, NULL);

-- --------------------------------------------------------

--
-- Table structure for table `ltddragon`
--

CREATE TABLE `ltddragon` (
  `DragonID` int(11) NOT NULL,
  `LtdID` int(11) NOT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

-- --------------------------------------------------------

--
-- Table structure for table `park`
--

CREATE TABLE `park` (
  `ParkID` int(11) NOT NULL,
  `Name` varchar(30) NOT NULL DEFAULT 'Default Park Name',
  `ParkLevel` int(11) NOT NULL DEFAULT '1',
  `EpicRelic` bit(1) NOT NULL DEFAULT b'0',
  `EpicMonument` bit(1) NOT NULL DEFAULT b'0'
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

-- --------------------------------------------------------

--
-- Table structure for table `parkuser`
--

CREATE TABLE `parkuser` (
  `UserID` int(11) NOT NULL,
  `ParkID` int(11) NOT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

-- --------------------------------------------------------
```

```
--
-- Table structure for table `user`
--

CREATE TABLE `user` (
  `userID` int(11) NOT NULL,
  `image` varchar(100) NOT NULL DEFAULT '//placehold.it/150',
  `username` varchar(20) NOT NULL DEFAULT 'New User',
  `email` varchar(100) NOT NULL,
  `password` tinytext NOT NULL,
  `role` varchar(15) NOT NULL DEFAULT 'User',
  `firstName` varchar(50) DEFAULT NULL,
  `lastName` varchar(50) DEFAULT NULL,
  `GCID` varchar(30) DEFAULT NULL,
  `location` varchar(50) DEFAULT NULL,
  `created` datetime NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `lastLogin` datetime DEFAULT NULL,
  `modified` datetime DEFAULT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `user`
--

INSERT INTO `user` (`userID`, `image`, `username`, `email`, `password`,
`role`, `firstName`, `lastName`, `GCID`, `location`, `created`,
`lastLogin`, `modified`) VALUES
(4, '//placehold.it/150', 'Test', 'test@gmail.com',
'$2y$10$3AQ.TJEv7nse6L.UL4ejKuOPneDqdH8QoDMbBBTg0Nxh6YlPzuavS', 'User',
'Test', NULL, NULL, 'Home', '2018-01-14 00:47:09', '2018-02-01
23:34:24', NULL),
(5, '//placehold.it/150', 'test2@gmail.com', 'test2@gmail.com',
'$2y$10$j2QdahWYjqEv0IAMXfqjauO3cwtrn85S7Z0x.RHK4VOin43zqYvw2', 'User',
NULL, NULL, NULL, NULL, '2018-01-14 01:14:37', '2018-01-14 02:54:00',
NULL),
(6, '//placehold.it/150', 'test4@gmail.com', 'test4@gmail.com',
'$2y$10$39r46X8bxirG8eBk0MZKmuYlNBjD4R673JcCgBMU1fQCV2s18DBTq', 'User',
NULL, NULL, NULL, NULL, '2018-01-28 18:29:51', '2018-01-28 18:34:00',
NULL),
(7, '//placehold.it/150', 'test5@gmail.com', 'test5@gmail.com',
'$2y$10$tIuW7IIgjLxM4uQ0IM/mfOputZkAcsyCllc0bTHhcgAgIgob1BuHO', 'User',
NULL, NULL, NULL, NULL, '2018-01-28 19:30:58', '2018-01-28 19:31:12',
NULL),
(9, '//placehold.it/150', 'testing@gmail.com', 'testing@gmail.com',
'$2y$10$s5Ff1LsLoT7ewvpUUXFTbOrSN32HQjoe1jLLLffeEH.ISKkXP9.Wm', 'User',
NULL, NULL, NULL, NULL, '2018-02-02 00:12:13', NULL, NULL),
(10, '//placehold.it/150', 'testagain@gmail.com',
'testagain@gmail.com',
'$2y$10$6McSGCqbif/7ioTGXgQQhegzUqDJb89aUomsn1o0algV8C5S8B86K', 'User',
NULL, NULL, NULL, NULL, '2018-02-02 00:15:08', NULL, NULL);

-- --------------------------------------------------------

--
-- Table structure for table `userlog`
--
```

```
CREATE TABLE `userlog` (
  `logID` int(11) NOT NULL,
  `userEmail` varchar(100) NOT NULL,
  `time` datetime NOT NULL,
  `action` varchar(100) NOT NULL
) ENGINE=MyISAM DEFAULT CHARSET=latin1;

--
-- Dumping data for table `userlog`
--

INSERT INTO `userlog` (`logID`, `userEmail`, `time`, `action`) VALUES
(1, '', '2018-02-01 22:54:16', ''),
(2, '', '2018-02-01 22:59:55', '');

--
-- Indexes for dumped tables
--

--
-- Indexes for table `dragon`
--
ALTER TABLE `dragon`
  ADD PRIMARY KEY (`DragonID`),
  ADD KEY `DragonID` (`DragonID`),
  ADD KEY `DragonName` (`DragonName`);
ALTER TABLE `dragon` ADD FULLTEXT KEY `IND_dragonname` (`DragonName`);
ALTER TABLE `dragon` ADD FULLTEXT KEY `DragonName_2` (`DragonName`);

--
-- Indexes for table `dragonelement`
--
ALTER TABLE `dragonelement`
  ADD PRIMARY KEY (`DragonID`,`ElementID`),
  ADD KEY `FK_Element` (`ElementID`);

--
-- Indexes for table `dragonpark`
--
ALTER TABLE `dragonpark`
  ADD PRIMARY KEY (`DragonID`,`ParkID`),
  ADD KEY `FK_Park` (`ParkID`);

--
-- Indexes for table `dragontype`
--
ALTER TABLE `dragontype`
  ADD PRIMARY KEY (`TypeID`),
  ADD KEY `TypeID` (`TypeID`);

--
-- Indexes for table `element`
--
ALTER TABLE `element`
  ADD PRIMARY KEY (`ElementID`),
  ADD KEY `ElementID` (`ElementID`);

--
```

```
-- Indexes for table `limitededition`
--
ALTER TABLE `limitededition`
  ADD PRIMARY KEY (`LtdID`),
  ADD KEY `LtdID` (`LtdID`);

--
-- Indexes for table `ltddragon`
--
ALTER TABLE `ltddragon`
  ADD PRIMARY KEY (`DragonID`,`LtdID`),
  ADD KEY `FK_Ltd` (`LtdID`);

--
-- Indexes for table `park`
--
ALTER TABLE `park`
  ADD PRIMARY KEY (`ParkID`);

--
-- Indexes for table `parkuser`
--
ALTER TABLE `parkuser`
  ADD PRIMARY KEY (`ParkID`),
  ADD KEY `FK_parkuser` (`UserID`);

--
-- Indexes for table `user`
--
ALTER TABLE `user`
  ADD PRIMARY KEY (`userID`),
  ADD UNIQUE KEY `email` (`email`);

--
-- Indexes for table `userlog`
--
ALTER TABLE `userlog`
  ADD PRIMARY KEY (`logID`);

--
-- AUTO_INCREMENT for dumped tables
--

--
-- AUTO_INCREMENT for table `dragon`
--
ALTER TABLE `dragon`
  MODIFY `DragonID` int(11) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=346;
--
-- AUTO_INCREMENT for table `dragontype`
--
ALTER TABLE `dragontype`
  MODIFY `TypeID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=7;
--
-- AUTO_INCREMENT for table `element`
--
ALTER TABLE `element`
```

```
  MODIFY `ElementID` int(11) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=29;
--
-- AUTO_INCREMENT for table `limitededition`
--
ALTER TABLE `limitededition`
  MODIFY `LtdID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=29;
--
-- AUTO_INCREMENT for table `park`
--
ALTER TABLE `park`
  MODIFY `ParkID` int(11) NOT NULL AUTO_INCREMENT;
--
-- AUTO_INCREMENT for table `user`
--
ALTER TABLE `user`
  MODIFY `userID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=12;
--
-- AUTO_INCREMENT for table `userlog`
--
ALTER TABLE `userlog`
  MODIFY `logID` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

db.inc.php

```
<?php

// Reference: PDO CONNECTION CLASS IN PHP [OOP APPROACH WITH SINGLETON
PATTERN]
// https://acomputerengineer.wordpress.com/2013/06/16/pdo-connection-
class-in-php-oop-approach-with-singleton-pattern/
namespace Main;
use \PDO;

class db
{
    // Attributes
    private static $_instance;

    // Data associated with this singleton
    public $dbc; // Database connection - public for use across app

    // Constructor
    private function __construct() {
        $this->dbc = null;

        try{
            $this->dbc = new PDO('mysql:host=localhost;dbname=advweb1',
"advweb1", "0HulBWOBZcVTdTG5", [PDO::ATTR_PERSISTENT => true]);
        }catch(PDOException $exception){
            echo "Connection error: " . $exception->getMessage();
        }

        return $this->dbc;
    }
    // Properties
```

```
    public static function GetInstance() {
        // Lazy load singleton
        if (empty(self::$_instance)) { // Have we created it?
            self::$_instance = new db();
        }
        return self::$_instance;
    }


    // Methods

    // Sanitises user input before processing data
    public static function TestInput($data) {
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
}
}

?>
```

deleteuser.php

```
<?php
$title = "Delete account";
require_once "header.php";

require_once 'Factory.php';
use \DesignPatterns\FactoryPattern\Factory;

if (isset($_GET['id'])) {
    $id = \Main\db::TestInput($_GET['id']);
} else {
    $id = '';
}

// Make sure that both user session and delete id are set before
proceeding
if (isset($_GET['delete']) and isset($_SESSION['user'])) {
    $delete = \Main\db::TestInput($_GET['delete']);
    $id = \Main\db::TestInput($_GET['id']);
    Factory::DeleteUser($id);
}
 ?>

    <h1 class="blog-header"><?php echo $title;?></h1>
    <div class="container">
    <p>You are about to delete your account. Are you sure you want to
do this?</p>
        <div class="row">
            <div class="d-flex text-center align-items-center">
                <p><a class="btn btn-secondary"
href="deleteuser.php?delete=1&id=<?php echo $id;?>">Yes</a> <a
class="btn btn-secondary" href="profile.php">No</a></p>
            </div>
        </div>
    </div><!-- /container -->
```

```
<?php require_once 'footer.php'; ?>
```

Dragon.php

```
<?php

namespace DesignPatterns\FactoryPattern;

require_once 'ObjectProperties.php';
require_once 'ICRUD.php';
require_once 'db.inc.php';

use \Main\ObjectProperties;
use \Main\db;


class Dragon extends ObjectProperties implements ICRUD // Most of this
is to allow for being able to add dragons via front end, although
load() is used for details page
{
    // Attributes
    private $_dragonid;
    private $_dragonname;
    private $_type;
    private $_unlocklvl;
    private $_breedreg;
    private $_breedup;
    private $_eggimage;
    private $_babyimage;
    private $_teenimage;
    private $_adultimage;
    private $_elderimage;
    private $_desc;
    private $_notes;
    private $_elementid;
    private $_elementname;
    private $_elementicon;
    private $_elementnotes;
    private $_typeid;
    private $_typename;
    private $_maxlevel;
    private $_typeicon;
    private $_outcome;

    // Constructor
    public function __construct() {

        $this->_outcome = null;
    }

    // Properties

    /**
     * @return mixed
     */
    public function getDragonid()
    {
```

```
        return $this->_dragonid;
    }

    /**
     * @return mixed
     */
    public function getDragonname()
    {
        return $this->_dragonname;
    }

    /**
     * @return mixed
     */
    public function getAdultimage()
    {
        return $this->_adultimage;
    }

    /**
     * @return mixed
     */
    public function getBabyimage()
    {
        return $this->_babyimage;
    }

    /**
     * @return mixed
     */
    public function getBreedreg()
    {
        return $this->_breedreg;
    }

    /**
     * @return mixed
     */
    public function getBreedup()
    {
        return $this->_breedup;
    }

    /**
     * @return mixed
     */
    public function getDesc()
    {
        return $this->_desc;
    }

    /**
     * @return mixed
     */
    public function getEggimage()
    {
        return $this->_eggimage;
    }
```

```
    /**
     * @return mixed
     */
    public function getElderimage()
    {
        return $this->_elderimage;
    }

    /**
     * @return mixed
     */
    public function getElementicon()
    {
        return $this->_elementicon;
    }

    /**
     * @return mixed
     */
    public function getElementid()
    {
        return $this->_elementid;
    }

    /**
     * @return mixed
     */
    public function getElementname()
    {
        return $this->_elementname;
    }

    /**
     * @return mixed
     */
    public function getElementnotes()
    {
        return $this->_elementnotes;
    }

    /**
     * @return mixed
     */
    public function getMaxlevel()
    {
        return $this->_maxlevel;
    }

    /**
     * @return mixed
     */
    public function getNotes()
    {
        return $this->_notes;
    }

    /**
```

```
     * @return mixed
     */
    public function getTeenimage()
    {
        return $this->_teenimage;
    }

    /**
     * @return mixed
     */
    public function getType()
    {
        return $this->_type;
    }

    /**
     * @return mixed
     */
    public function getTypeicon()
    {
        return $this->_typeicon;
    }

    /**
     * @return mixed
     */
    public function getTypeid()
    {
        return $this->_typeid;
    }

    /**
     * @return mixed
     */
    public function getTypename()
    {
        return $this->_typename;
    }

    /**
     * @return mixed
     */
    public function getUnlocklvl()
    {
        return $this->_unlocklvl;
    }

    /**
     * @param mixed $adultimage
     */
    public function setAdultimage($adultimage)
    {
        $this->_adultimage = $adultimage;
    }

    /**
     * @param mixed $babyimage
     */
```

```
    public function setBabyimage($babyimage)
    {
        $this->_babyimage = $babyimage;
    }

    /**
     * @param mixed $breedreg
     */
    public function setBreedreg($breedreg)
    {
        $this->_breedreg = $breedreg;
    }

    /**
     * @param mixed $breedup
     */
    public function setBreedup($breedup)
    {
        $this->_breedup = $breedup;
    }

    /**
     * @param mixed $desc
     */
    public function setDesc($desc)
    {
        $this->_desc = $desc;
    }

    /**
     * @param mixed $dragonid
     */
    public function setDragonid($dragonid)
    {
        $this->_dragonid = $dragonid;
    }

    /**
     * @param mixed $dragonname
     */
    public function setDragonname($dragonname)
    {
        $this->_dragonname = $dragonname;
    }

    /**
     * @param mixed $eggimage
     */
    public function setEggimage($eggimage)
    {
        $this->_eggimage = $eggimage;
    }

    /**
     * @param mixed $elderimage
     */
    public function setElderimage($elderimage)
    {
```

```
        $this->_elderimage = $elderimage;
    }

    /**
     * @param mixed $elementicon
     */
    public function setElementicon($elementicon)
    {
        $this->_elementicon = $elementicon;
    }

    /**
     * @param mixed $elementid
     */
    public function setElementid($elementid)
    {
        $this->_elementid = $elementid;
    }

    /**
     * @param mixed $elementname
     */
    public function setElementname($elementname)
    {
        $this->_elementname = $elementname;
    }

    /**
     * @param mixed $elementnotes
     */
    public function setElementnotes($elementnotes)
    {
        $this->_elementnotes = $elementnotes;
    }

    /**
     * @param mixed $maxlevel
     */
    public function setMaxlevel($maxlevel)
    {
        $this->_maxlevel = $maxlevel;
    }

    /**
     * @param mixed $notes
     */
    public function setNotes($notes)
    {
        $this->_notes = $notes;
    }

    /**
     * @param mixed $teenimage
     */
    public function setTeenimage($teenimage)
    {
        $this->_teenimage = $teenimage;
    }
```

```
    /**
     * @param mixed $type
     */
    public function setType($type)
    {
        $this->_type = $type;
    }

    /**
     * @param mixed $typeicon
     */
    public function setTypeicon($typeicon)
    {
        $this->_typeicon = $typeicon;
    }

    /**
     * @param mixed $typeid
     */
    public function setTypeid($typeid)
    {
        $this->_typeid = $typeid;
    }

    /**
     * @param mixed $typename
     */
    public function setTypename($typename)
    {
        $this->_typename = $typename;
    }

    /**
     * @param mixed $unlocklvl
     */
    public function setUnlocklvl($unlocklvl)
    {
        $this->_unlocklvl = $unlocklvl;
    }

    /**
     * @param mixed $outcome
     */
    public function setOutcome($outcome)
    {
        $this->_outcome = $outcome;
    }

    /**
     * @return mixed
     */
    public function getOutcome()
    {
        return $this->_outcome;
    }

    // Methods
```

```
    public function load($id)
    {
        $db = db::GetInstance();
        $data = array();

        if ($id >= 11 and $id <= 14) {
            $sql = "SELECT * FROM dragon AS d
                JOIN dragontype AS t ON d.TypeID = t.TypeID
                WHERE d.DragonID= :dragon";
        }  else {
            $sql = "SELECT * FROM dragon AS d
                JOIN dragontype AS t ON d.TypeID = t.TypeID
                JOIN dragonelement AS de ON de.DragonID = d.DragonID
                JOIN element AS e ON de.ElementID = e.ElementID
                WHERE d.DragonID= :dragon";
        }

        $query = $db -> dbc -> prepare($sql);
        $query->bindParam(':dragon', $id);

        $query -> execute();

  //      $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM
for integer key value] - this doesn't work in classes for some reason

        $result = $query->fetchAll();

        foreach ($result as $data) {
            $this->_dragonid = $data['DragonID'];
            $this->_dragonname = $data['DragonName'];
            $this->_type = $data['TypeID'];
            $this->_unlocklvl = $data['UnlockLevel'];
            $this->_breedreg = $data['BreedTimeReg'];
            $this->_breedup = $data['BreedTimeUpgrade'];
            $this->_eggimage = $data['EggImage'];
            $this->_babyimage = $data['BabyImage'];
            $this->_teenimage = $data['TeenImage'];
            $this->_adultimage = $data['AdultImage'];
            $this->_elderimage = $data['ElderImage'];
            $this->_desc = $data['Description'];
            $this->_notes = $data['Notes'];
            $this->_typeid = $data['TypeID'];
            $this->_typename = $data['TypeName'];
            $this->_maxlevel = $data['MaxLevel'];
            $this->_typeicon = $data['TypeIcon'];
            if ($id < 11 or $id > 14) {
                $this->_elementid = $data['ElementID'];
                $this->_elementname = $data['ElementName'];
                $this->_elementicon = $data['ElementIcon'];
                $this->_elementnotes = $data['ElementNotes'];
            }
        }
        return $data;
    }

    public function insertRecord()
    {
```

```
        // TODO: Implement insertRecord() method.
    }

    public function updateRecord($id)
    {
        // TODO: Implement updateRecord() method.
    }

    public function deleteRecord($id)
    {
        // TODO: Implement deleteRecord() method.
    }
}
```

dragondetail.php

```
<?php



$title = '';

$desc = "";


require_once 'header.php';

require_once 'Dragon.php';

use \DesignPatterns\FactoryPattern\Dragon;


$dragonid = \Main\db::TestInput($_GET['id']);

$dragon = new Dragon();

$dragon->load($dragonid); // load from Dragon class (should explore use of strategy pattern to
improve loading later, now I understand it better)


$dragonname = \Main\db::TestInput($_GET['dragonname']);

$title = $dragonname;

$desc = $dragon->getDesc();


?>


<h1 class="blog-header"><?php echo $title;?></h1>

  <p class="blog-description"><?php echo $desc;?></p>
```

```
<div class="container">
    <?php
    if ($dragon->getType() == 4 or $dragon->getType() == 5) {
      $maxlevel = 'N/A'; ?>
      <div class="d-flex text-center align-items-center">
        <img class="adult" src="images/Dragons/<?php echo $dragon->getAdultimage();?>"
alt="<?php echo $dragon->getDragonname().' adult'; ?>">
      </div>
  <?php   } else if ($dragon->getElderimage() != null) {
      $maxlevel = 'N/A'; ?>
      <div class="row">
      <div class="col-md-4">
      <img class="details" src="images/Dragons/<?php echo $dragon->getEggimage();?>"
alt="<?php echo $dragon->getDragonname().' egg'; ?>">
      </div>
      <div class="col-md-4">
        <img class="details" src="images/Dragons/<?php echo $dragon->getBabyimage();?>"
alt="<?php echo $dragon->getDragonname().' baby'; ?>">
      </div>
      <div class="col-md-4">
        <img class="details" src="images/Dragons/<?php echo $dragon->getTeenimage();?>"
alt="<?php echo $dragon->getDragonname().' juvenile'; ?>">
      </div>
     </div>
  <div class="row">
    <div class="col-md-6">
      <img class="details" src="images/Dragons/<?php echo $dragon->getAdultimage();?>"
alt="<?php echo $dragon->getDragonname().' adult'; ?>">
    </div>
    <div class="col-md-6">
      <img class="details" src="images/Dragons/<?php echo $dragon->getElderimage();?>"
alt="<?php echo $dragon->getDragonname().' elder'; ?>">
    </div>
```

```
  </div>
  <?php
    } else {
      $maxlevel = $dragon->getMaxlevel();
      ?>
    <div class="row">
      <div class="col-md-6">
        <img class="details" src="images/Dragons/<?php echo $dragon->getEggimage();?>"
alt="<?php echo $dragon->getDragonname().' egg'; ?>">
      </div>
      <div class="col-md-6">
        <img class="details" src="images/Dragons/<?php echo $dragon->getBabyimage();?>"
alt="<?php echo $dragon->getDragonname().' baby'; ?>">
      </div>
    </div>
    <div class="row">
      <div class="col-md-6">
        <img class="details" src="images/Dragons/<?php echo $dragon->getTeenimage();?>"
alt="<?php echo $dragon->getDragonname().' juvenile'; ?>">
      </div>
      <div class="col-md-6">
        <img class="details" src="images/Dragons/<?php echo $dragon->getAdultimage();?>"
alt="<?php echo $dragon->getDragonname().' adult'; ?>">
      </div>
    </div>
 <?php    }      ?>
  <table class="table table-sm table-responsive-md">
    <thead>
    <caption>More information on <?php echo $dragon->getDragonname(); ?></caption>
    </thead>
    <tbody>
    <tr>
```

```
        <th scope="row">Available at park level</th>
        <td><?php echo $dragon->getUnlocklvl();?></td>
      </tr>
        <tr>
      <th scope="row">Max dragon level</th>
      <td><?php echo $maxlevel;?></td>
      </tr>
      <tr>
      <th scope="row">Type</th>
      <td><?php if ($dragon->getTypeicon() !=null) {?> <img class="iconSmall"
src="images/Icons/<?php echo $dragon->getTypeicon();?>" alt="<?php echo $dragon-
>getTypename(); ?>"> <?php } else {echo $dragon->getTypename();} ?></td>
      </tr>
        <tr>
      <th scope="row">Regular breeding time</th>
      <td><?php if ($dragon->getBreedreg() == null) {echo 'N/A';} else {echo $dragon->getBreedreg();}
?></td>
      </tr>
        <tr>
      <th scope="row">Upgraded breeding time</th>
      <td><?php if ($dragon->getBreedup() == null) {echo 'N/A';} else {echo $dragon->getBreedup();}
?></td>
      </tr>
        <tr>
      <th scope="row">Incubation time</th>
      <td><?php if ($dragon->getBreedreg() == null) {echo 'N/A';} else {echo $dragon->getBreedreg();}
?></td>
      </tr>
      <?php if($dragon->getType() < 4 or $dragon->getType() > 5) { ?>
        <tr>
          <th scope="row">Elements</th>
          <td><img class="iconSmall" src="images/Icons/<?php echo $dragon->getElementicon();?>"
alt="<?php echo $dragon->getElementname(); ?>"></td>
```

```
      </tr>
 <?php }?>
    <?php if($dragon->getNotes() !=null ) { ?>
      <tr>
        <th scope="row">Notes</th>
        <td><?php echo $dragon->getNotes();?></td>
      </tr>
    <?php }
    ?>

    </tbody>
  </table>
</div><!-- /container -->

<?php require_once 'footer.php'; ?>
```

dragonlist.php

```
<?php
$title = "Egg list";
$desc = "List of all dragons available.";

require_once 'header.php';
require_once 'db.inc.php';
use \Main\db;

function loadDragons(){
    $db = db::GetInstance();
    if (!empty($_GET['sort'])) {
        $sort = db::TestInput($_GET['sort']); // Sorting menu
        switch ($sort) {
            case 'ascdragons': // This DEFINITELY needs streamlining
via strategy pattern or some other means; have found, however, that
listing multiple rows via class wouldn't work - hence using this method
instead. Will explore improvements on own time when I have access to
more time and patience
                $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY DragonName";
                break;
            case 'descdragons':
                $sql = "SELECT * FROM dragon
```

```
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY DragonName DESC";
                break;
            case 'asctype':
                $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY TypeName";
                break;
            case 'desctype':
                $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY TypeName DESC";
                break;
            case 'ascelement':
                $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY ElementName";
                break;
            case 'descelement':
                $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY ElementName DESC";
                break;
            default:
                $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY DragonID";
                break;
        }
    } else {
        $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID =
element.ElementID";
    }


    $query = $db -> dbc -> prepare($sql);
```

```
    $query -> execute();

    $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for
integer key value]

    $result = $query -> fetchAll();

    foreach ($result as $r) { ?>
        <div class="col-md-4">
        <div class="text-center">
            <img class="eggImage" src="images/Dragons/<?php if
($r['EggImage'] !=null ) {echo $r['EggImage']; } else {echo
$r['AdultImage'];} ?>"
                 alt="<?php echo $r['DragonName'] . " egg"; ?>">
            <h5><?php echo $r['DragonName']; ?></h5>
        </div>
        <p><b>Breed time (regular cave):</b> <?php if
($r['BreedTimeReg'] != null) {echo $r['BreedTimeReg']."<br/>";} else {
echo "Instant". "<br/>"; }; ?>
        <b>Breed time (upgraded):</b> <?php if ($r['BreedTimeUpgrade']
!= null) {echo $r['BreedTimeUpgrade']."<br/>";} else { echo "N/A".
"<br/>"; };
            if ($r['ElementIcon'] !=null ) { ?>
            <b>Elements: </b><img class="iconSmall"
src="images/Icons/<?php echo $r['ElementIcon']; ?>" alt="<?php echo
$r['ElementName']; }?>"><br/>
        <b>Type: </b><?php if ($r['TypeIcon'] != null) { ?><img
class="iconSmall" src="images/Icons/<?php echo $r['TypeIcon']; ?>"
alt="<?php echo $r['ElementName']; ?>"> <?php } else {echo
$r['TypeName'];} ?><br/>
            <div class="d-flex justify-content-between align-items-
center">
                <div class="btn-group">
                    <a href="dragondetail.php?dragonname=<?php echo
$r['DragonName']; ?>&id=<?php echo $r['DragonID']; ?>" class="button
btn btn-sm btn-outline-secondary">View</a>

                    <?php if (isset($_SESSION['user'])) {
                        echo '<button type="button" class="btn btn-sm
btn-outline-secondary">I have it</button>';
                    } ?>
                </div>
                <small class="badge badge-pill badge-
success">Available</small>
            </div>
            </div>
        <?php }

}

?>

<h1 class="blog-header"><?php echo $title;?></h1>
<p class="blog-description"><?php echo $desc;?></p>
    <div class="container">
        <div class="row">
```

```
            <div class="d-flex text-center align-items-center">
                <div class="dropdown">
                    <button class="btn btn-default dropdown-toggle"
type="button" id="sort" data-toggle="dropdown">Sort by
                        <span class="caret"></span></button>
                    <ul class="dropdown-menu" role="menu" aria-
labelledby="sort">
                        <li role="presentation" class="dropdown-
header">Dragon</li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="dragonlist.php?sort=ascdragons">A-
Z</a></li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="dragonlist.php?sort=descdragons">Z-
A</a></li>
                        <li role="presentation" class="dropdown-
header">Type</li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="dragonlist.php?sort=asctype">A-Z</a></li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="dragonlist.php?sort=desctype">Z-A</a></li>
                        <li role="presentation" class="dropdown-
header">Element</li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="dragonlist.php?sort=ascelement">A-
Z</a></li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="dragonlist.php?sort=descelement">Z-
A</a></li>
                    </ul>
                </div>
            </div>
        </div>
        <div class="row">
            <!-- Load dragon data -->
            <?php loadDragons(); ?>
            </div>
    </div><!-- /container -->

<?php

require_once 'footer.php'; ?>
```

elements.php

```
<?php

$elementid = '';
$title = '';
$desc = "";

require_once 'header.php';
require_once 'db.inc.php';
use \Main\db;

$elementname = db::TestInput($_GET['element']);
function loadDragons(){
    $db = db::GetInstance();
```

```
    $elementid = $db::TestInput($_GET['elementid']);
    if (!empty($_GET['sort'])) {
        $sort = $db::TestInput($_GET['sort']);
        switch ($sort) {
            case 'ascdragons':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE e.ElementID= :element ORDER BY d.DragonName";
                break;
            case 'descdragons':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE e.ElementID= :element ORDER BY d.DragonName DESC ";
                break;
            case 'asctype':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE e.ElementID= :element ORDER BY t.TypeName";
                break;
            case 'desctype':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE e.ElementID= :element ORDER BY t.TypeName DESC";
                break;
            default:
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE e.ElementID= :element ORDER BY d.DragonID";
                break;
        }
    } else {
        $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE e.ElementID= :element";
    }

    $query = $db -> dbc -> prepare($sql);
    $query->bindParam(':element', $elementid);

    $query -> execute();

    $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for
integer key value]

    $result = $query -> fetchAll();
    if ($result) {
```

```
        foreach ($result as $r) {
            ?>
            <div class="col-md-4">
                <div class="text-center">
                    <img class="eggImage" src="images/Dragons/<?php if
($r['EggImage'] != null) {
                        echo $r['EggImage'];
                    } else {
                        echo $r['AdultImage'];
                    } ?>"
                         alt="<?php echo $r['DragonName'] . " egg";
?>">
                    <h5><?php echo $r['DragonName']; ?></h5>
                </div>
                <p><b>Breed time (regular cave):</b> <?php if
($r['BreedTimeReg'] != null) {
                        echo $r['BreedTimeReg'] . "<br/>";
                    } else {
                        echo "Instant" . "<br/>";
                    }; ?>
                    <b>Breed time (upgraded):</b> <?php if
($r['BreedTimeUpgrade'] != null) {
                        echo $r['BreedTimeUpgrade'] . "<br/>";
                    } else {
                        echo "N/A" . "<br/>";
                    }; ?>
                    <b>Elements: </b><img class="iconSmall"
src="images/Icons/<?php echo $r['ElementIcon']; ?>"
                                          alt="<?php echo
$r['ElementName'];
                                           ?>"><br/>
                    <b>Type: </b><?php if ($r['TypeIcon'] != null) {
?><img class="iconSmall" src="images/Icons/<?php echo $r['TypeIcon'];
?>" alt="<?php echo $r['TypeName']; ?>"> <?php } else {echo
$r['TypeName'];} ?><br/>
                </p>
                <div class="d-flex justify-content-between align-items-
center">
                    <div class="btn-group">
                        <a href="dragondetail.php?dragonname=<?php echo
$r['DragonName']; ?>&id=<?php echo $r['DragonID']; ?>" class="button
btn btn-sm btn-outline-secondary">View</a>
                        <?php if (isset($_SESSION['user'])) {
                            echo '<button type="button" class="btn btn-
sm btn-outline-secondary">I have it</button>';
                        } ?>
                    </div>
                    <small class="badge badge-pill badge-
success">Available</small>
                </div>
            </div> <?php
        }
    } else {
        echo "No results found.";
    }


}
```

```
?>

    <h1 class="blog-header"><?php $title = $elementname." dragons";
echo $title;?></h1>
    <p class="blog-description"><?php echo $desc;
        $url =
'elements.php?elementid='.$_GET['elementid'].'&element='.$elementname;?
></p>
    <div class="container">
        <div class="row">
            <div class="d-flex text-center align-items-center">
                <div class="dropdown">
                    <button class="btn btn-default dropdown-toggle"
type="button" id="sort" data-toggle="dropdown">Sort by
                        <span class="caret"></span></button>
                    <ul class="dropdown-menu" role="menu" aria-
labelledby="sort">
                        <li role="presentation" class="dropdown-
header">Dragon</li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=ascdragons">A-
Z</a></li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=descdragons">Z-
A</a></li>
                        <li role="presentation" class="dropdown-
header">Type</li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=asctype">A-
Z</a></li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=desctype">Z-
A</a></li>
                    </ul>
                </div>
            </div>
        </div>
        <div class="row">
            <!-- Load dragon data -->
            <?php loadDragons(); ?>
        </div>
    </div><!-- /container -->

<?php

require_once 'footer.php'; ?>
```

Factory.php

```
<?php


namespace DesignPatterns\FactoryPattern;
```

```
use DesignPatterns\ObserverPattern\IObservable;
use DesignPatterns\ObserverPattern\IObserver;

require_once 'IUserFactory.php';
require_once 'IObservable.php';
require_once 'User.php';



class Factory implements IUserFactory // Will use this for adding dragons, parks etc. but for now just creates and deletes users
{
   // Attributes

   // Constructor

   // Properties

   // Methods


   public static function CreateUser($username, $email, $password, $role)
   {
      $user = new User($username, $email, $password, $role);
      $user->setEmail($email);
      $user->setPassword($password);
      $user->setUsername($username);
      $user->setRole($role);

      $user->insertRecord();
      if ($user->getOutcome() == 'Success') {
         return $user;
```

```
    }
  }

  public static function DeleteUser($id) {
    $user = new User($id);
      unset($_SESSION['user']);
      session_destroy();
      $user->deleteRecord($id);
    if ($user->getOutcome() == 'Success') {
      echo "<script>location.assign('index.php'); </script>";
    } else {
      echo "Sorry, there was a problem.";
    }

  }

}
?>
```

4

factoryTest.php

```
<?php
require_once 'User.php';
require_once 'IUserFactory.php';
require_once 'Factory.php';


use \DesignPatterns\FactoryPattern\Factory;

// Used to test functions or for debugging

$user = Factory::CreateUser('joebloggs1', 'jbloggs@test.com',
'test123', 'User');
$user2 = Factory::CreateUser('fredbloggs1', 'fbloggs@test.com',
'test123', 'User');
$admin = Factory::CreateUser('admin1','admin@test.com', 'test456',
'Admin');

echo ('Name: '.$user->GetName().'; Email: '.$user->GetEmail().';
Password: '.$user->GetPWord().'; Role: '.$user->GetRole().'<br>');
echo ('Name: '.$user2->GetName().'; Email: '.$user2->GetEmail().';
Password: '.$user2->GetPWord().'; Role: '.$user2->GetRole().'<br>');
```

```
echo ('Name: '.$admin->GetName().'; Email: '.$admin->GetEmail().';
Password: '.$admin->GetPWord().'; Role: '.$admin->GetRole().'<br>');
```

footer.php

```
<?php




?>

</main>

<footer class="footer">

  <div class="container">

    <span class="text-muted">&copy; Sam Phoenix <?php echo date("Y");?>. The name Dragonvale and associated images, descriptions etc. remain the property of <a href="https://support.backflipstudios.com/hc/en-us/categories/202865587-DragonVale">Backflip Studios.</a>  <a href="#" class="pull-right">Back to top</a></span>

  </div>

</footer>


<!--Scripts-->

<?php


?>

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.3/js/bootstrap.min.js" integrity="sha384-a5N7Y/aK3qNeh15eJKGWxsqtnX/wWdSZSKp+81YjTmS15nvnvxKHuzaWwXHDli+4" crossorigin="anonymous"></script>

<script src="passwordconfirm.js"></script>

<script>

  $(document).on('click', '.yamm .dropdown-menu', function(e) {

    e.stopPropagation()
```

```
  })
</script>
</body>
</html>
```

header.php

```
<?php session_start();

require_once 'db.inc.php';
use \Main\db;

$db = db::GetInstance();

  date_default_timezone_set('America/Denver'); // Set to timezone matching DV game servers

?>

<!doctype html>
<html lang=en_gb>
<head>
<meta charset="utf-8">
<title><?php echo $title?></title>
  <!-- CSS / other links -->
  <link rel="stylesheet" href="bootstrap.min.css">
  <link href="sticky-footer-navbar.css" rel="stylesheet">
  <link href="custom.css" rel="stylesheet">
  <link href="http://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css"
rel="stylesheet">
  <link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"
rel="stylesheet" integrity="sha384-
wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
crossorigin="anonymous">
  <link rel="stylesheet" href="yamm.css">
<link href="offcanvas.css" rel="stylesheet">
```

```
</head>
<body>
<header>

    <!-- Static navbar; megamenu by http://geedmo.github.io/yamm3/ -->
    <nav class="yamm navbar navbar-expand-md navbar-dark bg-primary fixed-top" >
      <div class="container d-flex flex-column flex-md-row justify-content-between">
      <a class="navbar-brand" href="#">YADVT</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarCollapse" aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarCollapse">
        <ul class="navbar-nav">
          <li class="nav-item <?php if($title == 'Home') { echo "active";} ?>">
            <a class="nav-link" href="index.php" >Home <?php if($title == 'Home') { echo "<span
class=\"sr-only\">(current)</span>";} ?></a>
          </li>
          <li class="nav-item <?php if($title == 'Egg list') { echo "active";} ?>">
            <a class="nav-link" href="dragonlist.php">Egg list <?php if($title == 'Egg list') { echo
"<span class=\"sr-only\">(current)</span>";} ?>
            </a>
          </li>
          <li class="nav-item dropdown yamm-fw"><a class="nav-link dropdown-toggle" href="#"
id="elements" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Elements
          </a>
          <div class="dropdown-menu yamm-content" aria-labelledby="elements">
            <div class="row">
            <?php elementMenu(); ?>
            </div>
          </div>
```

```
            </li>
            <li class="nav-item dropdown "><a class="nav-link dropdown-toggle" href="#" id="types"
data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                Types
              </a>
              <div class="dropdown-menu" aria-labelledby="types">
                <?php typeMenu(); ?>
            </li>

          </ul>
          <form class="form-inline mt-2 mt-md-0" method="post" action="search.php">
            <input class="form-control mr-sm-2" type="text" name="searchname" placeholder="Find
a dragon" aria-label="Search">
            <button class="btn btn-secondary my-2 my-sm-0" name = "search"
type="submit">Search</button>
          </form>
          <ul class="navbar-nav float-md-right">
            <?php if (!isset($_SESSION['user'])) { ?>
              <li class="nav-item <?php if($title == 'Login or register') { echo "active";} ?>"><a
class="nav-link" href="LoginForm.php">Login or register</a></li>
            <?php } else { ?>
              <li class="nav-item dropdown"><a class="nav-link dropdown-toggle" href="#"
id="user" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"><?php echo
"Welcome ".$_SESSION['user'][2]; ?></a>
                <div class="dropdown-menu" aria-labelledby="user">
                  <a class="dropdown-item" href="profile.php">Dashboard</a>
                  <a class="dropdown-item" href="logout.php">Logout</a>
                </div>

              </li>
            <?php }

            function elementMenu() {
```

```
            $db = db::GetInstance();
            $sql = "select * from element";
            $query = $db -> dbc -> prepare($sql);
            $query -> execute();

            $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for integer key
value]

            $result = $query -> fetchAll();

        foreach ($result as $r) {
            echo "<div class='col-sm-4'>";
            echo "<a class=\"dropdown-item \"
href='elements.php?element=".$r['ElementName']."&elementid=".$r['ElementID']."'>".$r['ElementN
ame']."</a>";
            echo "</div>";
        }
        }

        function typeMenu() {
        $db = db::GetInstance();
        $sql = "select * from dragontype";
        $query = $db -> dbc -> prepare($sql);
        $query -> execute();

        $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for integer key
value]

        $result = $query -> fetchAll();

        foreach ($result as $r) {
            echo "<a class=\"dropdown-item\"
href='types.php?typename=".$r['TypeName']."&typeid=".$r['TypeID']."'>".$r['TypeName']."</a>";
```

```
            }
            }
            ?>
          </ul>
        </div>
        </div>
      </nav>
      <?php
      if (isset($_SESSION['user'])) {
        require_once "user-menu.php";
      }
      ?>

</header>
<!-- Begin page content -->
<main role="main" class="container">
```

ICRUD.php

```
<?php
// Inspired by: PHP Hacks by Jack D. Herrington - turned his CRUD
functions hack into an interface

namespace DesignPatterns\FactoryPattern;


interface ICRUD
{
    public function load($id);

    public function insertRecord();

    public function updateRecord($id);

    public function deleteRecord($id);

}
```

index.php

```
<?php
$title = "Home";
$desc = "This will be the home page";
require_once 'header.php';
require_once 'db.inc.php';
```

```
use \Main\db;

if (!empty($_GET['update'])) {
    $update = \Main\db::TestInput($_GET['update']);
    if ($update == 'success') {
        $message = "You have successfully registered. You may now log
in.";
    } else if ($update == 'delete') {
        $message = "Account has been deleted.";
    } else {
        $message = "Sorry, registration failed. Please contact the
webmaster if you continue to experience problems.";
    }
}

function loadDragons($limit) {
    $db = db::GetInstance();
    $sql = "SELECT * FROM dragon
            JOIN dragonelement ON dragon.DragonID =
dragonelement.DragonID
            JOIN dragontype ON dragon.TypeID = dragontype.TypeID
            JOIN element ON dragonelement.ElementID = element.ElementID
ORDER BY dragon.DragonID DESC LIMIT $limit";
    $query = $db -> dbc -> prepare($sql);

    $query -> execute();

    $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for
integer key value]

    $result = $query -> fetchAll();
    foreach ($result as $r) { ?>
        <div class="col-md-4">
            <h4><?php echo $r['DragonName']; ?></h4>
            <img class="eggImage" src="images/Dragons/<?php {echo
$r['AdultImage'];} ?>"
                 alt="<?php echo $r['DragonName']; ?>">
            <p><a href="dragondetail.php?dragonname=<?php echo
$r['DragonName']; ?>&id=<?php echo $r['DragonID']; ?>" class="btn btn-
secondary" role="button">View details &raquo;</a></p>
        </div>

    <?php }
}

?>

    <!-- Main jumbotron for a primary marketing message or call to
action -->
    <div class="jumbotron">
        <div class="container">
            <?php
            if (!empty($message)) {
                $colour = '';
                $update == 'success' ? $colour = 'alert-success' :
$colour = 'alert-danger'?>
                <div class="alert <?php echo $colour;?> alert-
dismissable">
```

```
                    <a class="panel-close close" data-
dismiss="alert">×</a> <?php echo $message; ?>
                </div>
            <?php   }
            ?>
            <h1 class="display-3">Yet Another Dragonvale Tracker?</h1>
            <p>I know, there are plenty of dragon databases and egg
trackers out there already - so why should you use this one?</p>
            <p>Well, there are one or two nifty features that I have
yet to see anywhere else...</p>
            <p><a class="btn btn-primary btn-lg" href="#"
role="button">Learn more &raquo;</a></p>
        </div>
    </div>
    <div class="container">
        <h3>Newly added</h3>
        <p>These dragons have recently been added to the
collection:</p>
        <!-- Example row of columns -->
        <div class="row">
            <!-- Load dragons -->
            <?php loadDragons(6); ?>
        </div>

        <hr>

    </div> <!-- /container -->

<?php
require_once 'footer.php';
?>
```

IObservable.php

```
<?php
namespace DesignPatterns\ObserverPattern;

require_once 'IObserver.php';

interface IObservable {
    public function Attach(IObserver $observer);
    public function Detach(IObserver $observer);
    public function Notify();
}
```

IObserver.php

```
<?php
namespace DesignPatterns\ObserverPattern;

require_once 'IObservable.php';

interface IObserver {
    public function Update(IObservable $observable);

}
```

IUserFactory.php

```
<?php

namespace DesignPatterns\FactoryPattern;

interface IUserFactory
{
    public static function CreateUser($username, $email, $password,
$role);
}


?>
```

login.php

```
<?php session_start();
require_once 'UserLog.php';
require_once 'UserSignIn.php';

use \DesignPatterns\ObserverPattern;
use \DesignPatterns\FactoryPattern\User;

if(isset($_POST['login'])){
    if(!empty($_POST['hptrap'])) { // Check if honeypot is empty - if
not, it's a spambot, treat accordingly
        echo "Nice try, Spam-A-Lot :P";
    } else {
        $email = filter_var($_POST['email'], FILTER_SANITIZE_EMAIL);

        $sessionlog = new User($email);
        $sessionlog->setEmail($email);
      //  $sessionlog = new ObserverPattern\UserSignIn($email);

        $listener = new ObserverPattern\UserLog();

        $sessionlog->Attach($listener);
        $sessionlog->LoginCheck();

    }



    // Old code that's now been moved to UserSignin.php

/*     $db = db::GetInstance();

    $sql = "select * from `user` where `email` = ?";   //prepared
statements

    $query = $db -> dbc -> prepare($sql);

    $query -> execute(array($email));   //prepared statements value

    $user = $query -> fetch();
```

```
    // password_verify( $password, $hash ) - $hash contains retrieved
password from db to compare against form input
    if ($user && password_verify($_POST['password'],
$user['password']))
    {
        echo "valid!";

        $_SESSION['user'] = ($user['username']);
        $sessionlog->LastLogin();

        // Update last login time
        $sql = "update `user` set `lastLogin` = ? where `email` = ?";
//prepared statements

        $query = $db -> dbc -> prepare($sql);

        $result = $query -> execute(array($lastLogin, $email));
//prepared statements value

        echo "Last login: ".$lastLogin;

    } else {
        echo "invalid";
    }
    header('Location: index.php');

} else {
    echo "Sorry, there was a problem.";*/
}
```

LoginForm.php

```
<?php
$title = "Login or register";
require_once "header.php";


if (!empty($_GET['update'])) {
    $update = \Main\db::TestInput($_GET['update']); // Sanitise get
input to make sure no one's tried to tinker with it
    if ($update == 'success') {
        $message = "You have successfully logged in.";
    } else {
        $message = "Login was unsuccessful. Please try again.";
    }
}
?>

<!-- // Reference: https://www.codeply.com/go/hz4HCGtpb0/bootstrap-4-
login-register-forms -->
<div class="container py-5">
    <h2 class="text-center pb-2"></h2>
    <div class="row">
        <!-- Login form -->
        <div class="col-lg-6 col-12 pb-3">
            <div class="card h-100">
                <div class="card-body">
```

```
                    <h2 class="text-center mb-4">Login</h2>
                    <?php
                    if (!empty($message)) {
                        $colour = '';
                        $update == 'success' ? $colour = 'alert-
success' : $colour = 'alert-danger'?>
                        <div class="alert <?php echo $colour;?> alert-
dismissable">
                            <a class="panel-close close" data-
dismiss="alert">×</a> <?php echo $message; ?>
                        </div>
                    <?php   }
                    ?>
                    <form class="py-2" role="form" action="login.php"
method="post">
                        <div class="form-group">
                            <label for="inputEmailForm" class="sr-only
form-control-label">Email</label>
                            <div class="mx-auto col-sm-10">
                                <input type="email" name="email"
class="form-control" id="inputEmailForm" placeholder="email"
required="">
                            </div>
                        </div>
                        <div class="form-group">
                            <label for="inputPasswordForm"
name="password" class="sr-only form-control-label">Password</label>
                            <div class="mx-auto col-sm-10">
                                <input type="password" name="password"
class="form-control" id="inputPasswordForm" placeholder="password"
required="">
                            </div>
                        </div>
                        <div class="form-group">
                            <div class="mx-auto col-sm-10">
                                <div class="checkbox form-control form-
control-sm text-center small">
                                    <label class="">
                                        <input type="checkbox"
class=""> remember me</label><input type="text" class="hptrap">
                                </div>
                            </div>
                        </div>
                        <div class="form-group">
                            <div class="mx-auto col-sm-10 pb-3 pt-2">
                                <button type="submit" name="login"
class="btn btn-outline-secondary btn-lg btn-block">Sign-in</button>
                            </div>
                        </div>
                    </form>
                    <ul class="list-inline text-center">
                        <li class="list-inline-item px-3"><a href=""
title="Twitter"><i class="display-3 ion-social-twitter-
outline"></i></a>  </li>
                        <li class="list-inline-item px-3"><a href=""
title="Google"><i class="display-3 ion-social-googleplus-
outline"></i></a>  </li>
```

```
                        <li class="list-inline-item px-3"><a href=""
title="Facebook"><i class="display-3 ion-social-facebook-
outline"></i></a></li>
                    </ul>
                </div>
            </div>
        </div>
        <!-- Register form -->
        <div class="col-lg-6 col-12 pb-3">
            <div class="card h-100">
                <div class="card-body">
                    <h2 class="text-center mb-4">Sign-up</h2>
                    <ul class="list-inline text-center py-2">
                        <li class="list-inline-item px-3"><a href=""
title="Twitter"><i class="display-3 ion-social-twitter-
outline"></i></a>  </li>
                        <li class="list-inline-item px-3"><a href=""
title="Google"><i class="display-3 ion-social-googleplus-
outline"></i></a>  </li>
                        <li class="list-inline-item px-3"><a href=""
title="Facebook"><i class="display-3 ion-social-facebook-
outline"></i></a></li>
                    </ul>
                    <form role="form" form id="register"
action="register.php" method="post">
                        <div class="form-group">
                            <label for="input2EmailForm" class="sr-only
form-control-label">email</label>
                            <div class="mx-auto col-sm-10">
                                <input type="email" name="email"
class="form-control" id="input2EmailForm" placeholder="email"
required="">
                            </div>
                        </div>
                        <div class="form-group">
                            <label for="input2PasswordForm" class="sr-
only form-control-label">password</label>
                            <div class="mx-auto col-sm-10">
                                <input type="password" name="password"
class="form-control" id="input2PasswordForm" placeholder="password"
required="">
                            </div>
                        </div>
                        <div class="form-group">
                            <label for="input2Password2Form" class="sr-
only form-control-label">verify</label>
                            <div class="mx-auto col-sm-10">
                                <input type="password" name="verify"
class="form-control" id="verifyPassword2Form" placeholder="verify
password" required=""><input type="text" class="hptrap">
                            </div>
                        </div>
                        <div class="form-group">
                            <div class="mx-auto col-sm-10 pb-3 pt-2">
                                <button type="submit" name="register"
class="btn btn-outline-secondary btn-lg btn-block">Register</button>
                            </div>
                        </div>
```

```
                    </form>
                </div>
            </div>
        </div>
    </div>
    <hr>
</div>
<?php require_once 'footer.php'; ?>
```

logout.php

```
<?php session_start();

require_once 'UserLog.php';

require_once 'UserSignIn.php';

require_once 'User.php';


use \DesignPatterns\ObserverPattern; // Tried to get this working with observer to detach listener - couldn't get it to work


// Delete certain session

session_unset();




// Delete all session variables

session_destroy();

echo "<script>location.assign('index.php'); </script>";
```

ObjectProperties.php

```
<?php
namespace Main;

class ObjectProperties { // You know this one already - thanks for the
idea :)

    // Methods for creating property-like functions in PHP

    // To simulate get and set properties, we use interceptor methods

    // Get method
    public function __get($property) {
        $method = "Get{$property}"; // Find method called Getxxx
        if(method_exists($this, $method)) { // If method Getxxx exists,
run code
            return $this->$method(); // Call Getxxx
```

```
        }
        return; // Return undefined otherwise
    }

    // Set method
    public function __set($property, $value) {
        $method = "Set{$property}";
        if(method_exists($this, $method)) { // If method Setxxx exists,
run code
            $this->$method($value); // Call Setxxx and pass it $value
        }
        return;
    }
}

?>
```

profile.php

```
<?php


$title = "Profile";

require_once "header.php";


require_once 'User.php';

use \DesignPatterns\FactoryPattern\User;


if (!isset($_SESSION['user'])) {

   echo "<script>location.assign('index.php'); </script>";

} else {

   $id = $_SESSION['user'][0];

   $message = "";

   $user = new User();

   $user->load($id);

   if (!empty($_GET['update'])) {

      $update = \Main\db::TestInput($_GET['update']);

      if ($update == 'success') {

         $message = "Your details have been updated.";

      } else {

         $message = "Sorry, your details couldn't be updated.";
```

```
    }
  }

  if(isset($_POST['Update'])) {
    if(!empty($_POST['hptrap'])) { // If honeytrap contains anything, it's a spambot
      echo "Nice try, Spam-A-Lot :P";
    } else {
      if (!empty($_POST['FirstName'])) {
        $firstName = \Main\db::TestInput($_POST['FirstName']);
        $user->setFirstName($firstName);
      }
      if (!empty($_POST['LastName'])) {
        $lastName = \Main\db::TestInput($_POST['LastName']);
        $user->setLastName($lastName);
      }
      if (!empty($_POST['GCID'])) {
        $gcid = \Main\db::TestInput($_POST['GCID']);
        $user->setGCID($gcid);
      }
      if (!empty($_POST['Location'])) {
        $location = \Main\db::TestInput($_POST['Location']);
        $user->setLocation($location);
      }

      if (!empty($_POST['DisplayName'])) {
        $username = \Main\db::TestInput($_POST['DisplayName']);
        $user->setUsername($username);
      }

      // Hash password
      if (!empty($_POST['Password'])) {
```

```
            $rawpassword = $_POST['Password'];
            $password = password_hash($rawpassword, PASSWORD_DEFAULT);
            $user->setPassword($password);
        }

        $user->updateRecord($id);
        if ($user->getOutcome() == 'Success') {
            $url = 'profile.php?update=success';
        } else {
            $url = 'profile.php?update=fail';
        }
    } echo "<script>location.assign(".$url."); </script>";
}
?>

<!-- Reference: https://www.codeply.com/go/V298LOj8OF -->
<div class="container">
    <div class="row my-2">
        <div class="col-lg-8 order-lg-2">
            <ul class="nav nav-tabs">
                <li class="nav-item">
                    <a href="" data-target="#profile" data-toggle="tab" class="nav-link active">Profile</a>
                </li>
                <li class="nav-item">
                    <a href="" data-target="#messages" data-toggle="tab" class="nav-link">Messages</a>
                </li>
                <li class="nav-item">
                    <a href="" data-target="#edit" data-toggle="tab" class="nav-link">Edit</a>
                </li>
            </ul>
            <div class="tab-content py-4">
```

```
<div class="tab-pane active" id="profile">
  <?php
  if (!empty($message)) {
    $colour = '';
    $update == 'success' ? $colour = 'alert-success' : $colour = 'alert-danger'?>
    <div class="alert <?php echo $colour;?> alert-dismissable">
      <a class="panel-close close" data-dismiss="alert">×</a> <?php echo $message; ?>
    </div>
  <?php  }
  ?>
  <h5 class="mb-3">User Profile</h5>
  <div class="row">
    <div class="col-md-6">
      <?php if ($user->getUsername() !=null) { ?>
        <h6>Display Name</h6>
        <p>
          <?php echo $user->getUsername(); ?>
        </p>
     <?php  } ?>

      <?php if ($user->getFirstName() !=null or $user->getLastName() !=null) { ?>
        <h6>Real Name</h6>
        <p>
          <?php echo $user->getFirstName()." ".$user->getLastName(); ?>
        </p>
      <?php  } ?>

      <?php if ($user->getLocation() !=null) { ?>
        <h6>Location</h6>
        <p>
          <?php echo $user->getLocation(); ?>
```

```
                    </p>
                  <?php   } ?>

                  <?php if ($user->getGCID() !=null) { ?>
                    <h6>Gamecenter ID</h6>
                    <p>
                      <?php echo $user->getGCID(); ?>
                    </p>
                  <?php   } ?>
                </div>
                <div class="col-md-6">
                  <h6>Recent badges</h6>
                  <a href="#" class="badge badge-dark badge-pill">html5</a>
                  <a href="#" class="badge badge-dark badge-pill">react</a>
                  <a href="#" class="badge badge-dark badge-pill">codeply</a>
                  <a href="#" class="badge badge-dark badge-pill">angularjs</a>
                  <a href="#" class="badge badge-dark badge-pill">css3</a>
                  <a href="#" class="badge badge-dark badge-pill">jquery</a>
                  <a href="#" class="badge badge-dark badge-pill">bootstrap</a>
                  <a href="#" class="badge badge-dark badge-pill">responsive-design</a>
                  <hr>
                  <span class="badge badge-primary"><i class="fa fa-user"></i> 900 Followers</span>
                  <span class="badge badge-success"><i class="fa fa-cog"></i> 43 Forks</span>
                  <span class="badge badge-danger"><i class="fa fa-eye"></i> 245 Views</span>
                </div>
                <div class="col-md-12">
                  <h5 class="mt-2"><span class="fa fa-clock-o float-right"></span> Recent
Activity</h5>
                  <table class="table table-sm table-hover table-striped">
                    <tbody>
                    <tr>
```

```
                    <td>
                      <strong>Abby</strong> joined ACME Project Team in
<strong>`Collaboration`</strong>
                    </td>
                  </tr>
                  <tr>
                    <td>
                      <strong>Gary</strong> deleted My Board1 in <strong>`Discussions`</strong>
                    </td>
                  </tr>
                  <tr>
                    <td>
                      <strong>Kensington</strong> deleted MyBoard3 in
<strong>`Discussions`</strong>
                    </td>
                  </tr>
                  <tr>
                    <td>
                      <strong>John</strong> deleted My Board1 in <strong>`Discussions`</strong>
                    </td>
                  </tr>
                  <tr>
                    <td>
                      <strong>Skell</strong> deleted his post Look at Why this is.. in
<strong>`Discussions`</strong>
                    </td>
                  </tr>
                  </tbody>
                </table>
              </div>
            </div>
            <!--/row-->
```

```
        </div>
        <div class="tab-pane" id="messages">
          <div class="alert alert-info alert-dismissable">
            <a class="panel-close close" data-dismiss="alert">×</a> This is an
<strong>.alert</strong>. Use this to show important messages to the user.
          </div>
          <table class="table table-hover table-striped">
            <tbody>
            <tr>
              <td>
                <span class="float-right font-weight-bold">3 hrs ago</span> Here is your a link to
the latest summary report from the..
              </td>
            </tr>
            <tr>
              <td>
                <span class="float-right font-weight-bold">Yesterday</span> There has been a
request on your account since that was..
              </td>
            </tr>
            <tr>
              <td>
                <span class="float-right font-weight-bold">9/10</span> Porttitor vitae ultrices
quis, dapibus id dolor. Morbi venenatis lacinia rhoncus.
              </td>
            </tr>
            <tr>
              <td>
                <span class="float-right font-weight-bold">9/4</span> Vestibulum tincidunt
ullamcorper eros eget luctus.
              </td>
            </tr>
            <tr>
```

```
                    <td>
                      <span class="float-right font-weight-bold">9/4</span> Maxamillion ais the fix for
tibulum tincidunt ullamcorper eros.
                    </td>
                  </tr>
                  </tbody>
                </table>
              </div>
              <div class="tab-pane" id="edit">

                <form role="form" method="post" action="profile.php">
                  <div class="form-group row">
                    <label class="col-lg-3 col-form-label form-control-label">First name</label>
                    <div class="col-lg-9">
                      <input class="form-control" name="FirstName" type="text" value="<?php echo
$user->getFirstName(); ?>"><input type="text" name="hptrap" class="hptrap">
                    </div>
                  </div>
                  <div class="form-group row">
                    <label class="col-lg-3 col-form-label form-control-label">Last name</label>
                    <div class="col-lg-9">
                      <input class="form-control" name="LastName" type="text" value="<?php echo
$user->getLastName(); ?>">
                    </div>
                  </div>
                  <div class="form-group row">
                    <label class="col-lg-3 col-form-label form-control-label">Email</label>
                    <div class="col-lg-9">
                      <input required class="form-control" disabled name="Email" type="email"
value="<?php echo $user->getEmail(); ?>">
                    </div>
                  </div>
```

```
                <div class="form-group row">
                  <label class="col-lg-3 col-form-label form-control-label">Gamecenter ID</label>
                  <div class="col-lg-9">
                    <input class="form-control" type="text" name="GCID" value="<?php echo $user->getGCID(); ?>">
                  </div>
                </div>
                <div class="form-group row">
                  <label class="col-lg-3 col-form-label form-control-label">Location</label>
                  <div class="col-lg-9">
                    <input class="form-control" name="Location" type="text" value="<?php echo $user->getLocation(); ?>">
                  </div>
                </div>

                <div class="form-group row">
                  <label class="col-lg-3 col-form-label form-control-label">Display name</label>
                  <div class="col-lg-9">
                    <input class="form-control" name="DisplayName" type="text" value="<?php echo $user->getUsername(); ?>">
                  </div>
                </div>
                <div class="form-group row">
                  <label class="col-lg-3 col-form-label form-control-label">New password</label>
                  <div class="col-lg-9">
                    <input class="form-control" name="Password" id="input2PasswordForm" type="password" value="">
                  </div>
                </div>
                <div class="form-group row">
                  <label class="col-lg-3 col-form-label form-control-label">Confirm password</label>
                  <div class="col-lg-9">
```

```
                    <input class="form-control" id="verifyPassword2Form" type="password"
value="">
                  </div>
                </div>
                <div class="form-group row">
                  <label class="col-lg-3 col-form-label form-control-label"></label>
                  <div class="col-lg-9">
                    <input type="reset" class="btn btn-secondary" value="Cancel">
                    <input type="submit" name="Update" class="btn btn-primary" value="Save
Changes">
                    <a class="btn btn-danger" href="deleteuser.php?id=<?php echo $user->getId();
?>">Delete account</a><br>
                  </div>
                </div>
              </form>
            </div>
          </div>
        </div>
        <div class="col-lg-4 order-lg-1 text-center">
          <img src="<?php echo $user->getImage(); ?>" class="rounded-circle" alt="avatar">
          <h6 class="mt-2">Upload a different photo</h6>
          <label class="custom-file">
            <input type="file" accept="image/*" id="file" class="custom-file-input">
            <span class="custom-file-control">Choose file</span>
          </label>
        </div>
      </div>
    </div>

<?php } require_once 'footer.php'; ?>
```

register.php

```
<?php
require_once 'User.php';
```

```
require_once 'Factory.php';
require_once 'db.inc.php';

use \DesignPatterns\FactoryPattern\Factory;

if(isset($_POST['register'])) {
    $email = filter_var($_POST['email'], FILTER_SANITIZE_EMAIL);
    $rawpassword = $_POST['password'];
    $role = 'User';
    $username = $email;

    // Hash password
    $password = password_hash($rawpassword, PASSWORD_DEFAULT); // hash
password to store in database

    // Create user with above credentials
    $user = Factory::CreateUser($username, $email, $password, $role);
    if($user) {
        header('Location: index.php?update=success');
    } else {
        header('Location: index.php?update=fail');
    }
}

// Moved into User class
/*    //insert operation
    $db = db::GetInstance();

    $sql = "insert into `user` (`username`, `password`, `email`) values
(:username, :password, :email)";    //named parameters

    $query = $db -> dbc -> prepare($sql);

    $result = $query -> execute(array(":username" => $username,
":password" => $password, ":email" => $email));    //named parameters
value

    if($result)
        header('Location: index.php');
    else
        echo "Failed to register user.";
}
else {
    echo "Sorry, there was a problem.";
}*/
```

search.php

```
<?php

$title = "Search results for ";
$desc = "";

require_once 'header.php';
require_once 'db.inc.php';
use \Main\db;
```

```
$title = $title.db::TestInput($_POST['searchname']);

?>

    <h1 class="blog-header"><?php echo $title;?></h1>
    <p class="blog-description"><?php echo $desc;?></p>
    <div class="container">
        <div class="row">
            <!-- Load dragon data -->
            <?php if (isset($_POST['search'])) {
                loadDragons();
            }
             ?>
        </div>
    </div><!-- /container -->

<?php

function loadDragons(){
    $searchname = db::TestInput($_POST['searchname']);
    $db = db::GetInstance();

    $sql = "SELECT * FROM dragon AS d WHERE DragonName LIKE :dragon";

    $query = $db -> dbc -> prepare($sql);

    $search = '%'.$searchname.'%'; // Because bound parameters don't
accept wildcards

    $query->bindParam(':dragon', $search);

    $query -> execute();

    $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for
integer key value]

    $result = $query -> fetchAll();
    if ($result) {
        foreach ($result as $r) {
            ?>
            <div class="col-md-4">
                <div class="text-center">
                    <img class="eggImage" src="images/Dragons/<?php if
($r['EggImage'] !=null ) {echo $r['EggImage']; } else {echo
$r['AdultImage'];}?>"
                         alt="<?php echo $r['DragonName'] . " egg";
?>">
                    <h5><?php echo $r['DragonName']; ?></h5>
                </div>
                <div class="d-flex justify-content-between align-items-
center">
                    <div class="btn-group">
                        <a href="dragondetail.php?dragonname=<?php echo
$r['DragonName']; ?>&id=<?php echo $r['DragonID']; ?>" class="button
btn btn-sm btn-outline-secondary">View</a>

                        <?php if (isset($_SESSION['user'])) {
```

```
                            echo '<button type="button" class="btn btn-
sm btn-outline-secondary">I have it</button>';
                        } ?>
                    </div>
                    <small class="badge badge-pill badge-
success">Available</small>
                </div>
            </div>
        <?php }
    } else {
        echo "No results found for ".$searchname;
    }
}

require_once 'footer.php'; ?>
```

testConnect.php

```
<?php // Used for testing and debugging

require_once 'db.inc.php';
use \Main\db;

require_once 'User.php';
use \DesignPatterns\FactoryPattern\User;


selectAll();


// Pull all data and print results

function selectAll() {
    $db = db::GetInstance();

    $sql = "    SELECT * FROM element";    //named parameters

    $query = $db -> dbc -> prepare($sql);

    $query -> execute();

    $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for
integer key value]

    $result = $query -> fetchAll();

    foreach ($result as $record) {
        echo "Name: ".$record['DragonName']."Elements:
".$record['ElementName']."<br/>";
    }
}
```

types.php

```
<?php

$typeid = '';
$title = '';
$desc = "";

require_once 'header.php';
require_once 'db.inc.php';
use \Main\db;

$typename = db::TestInput($_GET['typename']);

function loadDragons(){
    $db = db::GetInstance();
    $typeid = db::TestInput($_GET['typeid']);
    if (!empty($_GET['sort'])) {
        $sort = db::TestInput($_GET['sort']);
        switch ($sort) {
            case 'ascdragons':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE t.TypeID= :dtype ORDER BY d.DragonName";
                break;
            case 'descdragons':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE t.TypeID= :dtype ORDER BY d.DragonName DESC ";
                break;
            case 'ascelement':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE t.TypeID= :dtype ORDER BY e.ElementName";
                break;
            case 'descelement':
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE t.TypeID= :dtype ORDER BY e.ElementName DESC";
                break;
            default:
                $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE t.TypeID= :dtype ORDER BY d.DragonID";
                break;
        }
    } else {
        if ($_GET['typeid'] == 4 or $_GET['typeid'] == 5) {
            $sql = "SELECT * FROM dragon AS d
```

```
                JOIN dragontype AS t ON d.TypeID = t.TypeID
                WHERE t.TypeID= :dtype";
        } else {
            $sql = "SELECT * FROM dragon AS d
            JOIN dragontype AS t ON d.TypeID = t.TypeID
            JOIN dragonelement AS de ON de.DragonID = d.DragonID
            JOIN element AS e ON de.ElementID = e.ElementID
            WHERE t.TypeID= :dtype ";
        }
    }

    $query = $db -> dbc -> prepare($sql);
    $query->bindParam(':dtype', $typeid);

    $query -> execute();

    $query -> setFetchMode(PDO::FETCH_ASSOC); // [PDO::FETCH_NUM for
integer key value]

    $result = $query -> fetchAll();
if ($result) {
    foreach ($result as $r) {
        ?>
        <div class="col-md-4">
            <div class="text-center">
                <img class="eggImage" src="images/Dragons/<?php if
($r['EggImage'] != null) {
                    echo $r['EggImage'];
                } else {
                    echo $r['AdultImage'];
                } ?>"
                     alt="<?php echo $r['DragonName'] . " egg"; ?>">
                <h5><?php echo $r['DragonName']; ?></h5>
            </div>
            <?php if ($typeid == 4 or $typeid == 5) { ?>
                <p><b>Unlock level:</b> <?php echo $r['UnlockLevel'];
            } else { ?>
                <p><b>Breed time (regular cave):</b> <?php if
($r['BreedTimeReg'] != null) {
                        echo $r['BreedTimeReg'] . "<br/>";
                    } else {
                        echo "Instant" . "<br/>";
                    }; ?>
                    <b>Breed time (upgraded):</b> <?php if
($r['BreedTimeUpgrade'] != null) {
                        echo $r['BreedTimeUpgrade'] . "<br/>";
                    } else {
                        echo "N/A" . "<br/>";
                    };
                    if ($r['ElementIcon'] !== null) { ?>
                    <b>Elements: </b><img class="iconSmall"
src="images/Icons/<?php echo $r['ElementIcon']; ?>"
                                          alt="<?php echo
$r['ElementName'];
                                          } ?>">
                </p>
            <?php } ?>
```

```
            <div class="d-flex justify-content-between align-items-
center">
                <div class="btn-group">
                    <a href="dragondetail.php?dragonname=<?php echo
$r['DragonName']; ?>&id=<?php echo $r['DragonID']; ?>" class="button
btn btn-sm btn-outline-secondary">View</a>
                    <?php if (isset($_SESSION['user'])) {
                        echo '<button type="button" class="btn btn-sm
btn-outline-secondary">I have it</button>';
                    } ?>
                </div>
                <small class="badge badge-pill badge-
success">Available</small>
            </div>
        </div> <?php
    }
} else {
    echo "Couldn't load data.";
}

}

?>

    <h1 class="blog-header"><?php $title = $typename." dragons"; echo
$title;?></h1>
    <p class="blog-description"><?php echo $desc;?></p>
    <div class="container">
        <?php
        $url =
'types.php?typeid='.$_GET['typeid'].'&typename='.$typename;
        if ($_GET['typeid'] < 4 or $_GET['typeid'] > 5) { ?>
        <div class="row">
            <div class="d-flex text-center align-items-center">
                <div class="dropdown">
                    <button class="btn btn-default dropdown-toggle"
type="button" id="sort" data-toggle="dropdown">Sort by
                        <span class="caret"></span></button>
                    <ul class="dropdown-menu" role="menu" aria-
labelledby="sort">
                        <li role="presentation" class="dropdown-
header">Dragon</li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=ascdragons">A-
Z</a></li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=descdragons">Z-
A</a></li>
                        <li role="presentation" class="dropdown-
header">Element</li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=ascelement">A-
Z</a></li>
                        <li role="presentation"><a class="dropdown-
item" role="menuitem" href="<?php echo $url;?>&sort=descelement">Z-
A</a></li>
                    </ul>
                </div>
```

```
            </div>
        </div>
        <?php }?>
        <div class="row">
            <!-- Load dragon data -->
            <?php loadDragons(); ?>
        </div>
    </div><!-- /container -->

<?php

require_once 'footer.php'; ?>
```

User.php

```
<?php

namespace DesignPatterns\FactoryPattern;

require_once 'ObjectProperties.php';
require_once 'ICRUD.php';
require_once 'UserLog.php';
require_once 'IObservable.php';
require_once 'db.inc.php';

use DesignPatterns\ObserverPattern\IObservable;
use DesignPatterns\ObserverPattern\IObserver;
use DesignPatterns\ObserverPattern\UserLog;
use \Main\ObjectProperties;
use \Main\db;

class User extends ObjectProperties implements ICRUD, IObservable //
Handles user responsibilities. Could probably be broken down into more
manageable pieces
{
    // Attributes
    private $_observers = [];
    private $_id;
    private $_username;
    private $_email;
    private $_password;
    private $_role;
    private $_image;
    private $_firstName;
    private $_lastName;
    private $_GCID;
    private $_location;
    private $_created;
    private $_lastLogin;
    private $_modified;
    private $_outcome;
    private $_result;
    private $_time;
    private $_action;
    private $_log;

    // Constructor
```

```
    public function __construct($username = '', $email = '', $password
= '', $role = '') {
        $this->_username = $username;
        $this->_email = $email;
        $this->_password = $password;
        $this->_role = $role;
        $this->_created = date('Y-m-d H:i:s');
        $this->_lastLogin= date('Y-m-d H:i:s');
        $this->_modified = date('Y-m-d H:i:s');
        $this->_outcome = null; // Used for setting success or fail
messages
        $this->_time = date('Y-m-d H:i:s');
        $this->_log = new UserLog();
    }

    // Properties

    /**
     * @return mixed
     */
    public function getOutcome()
    {
        return $this->_outcome;
    }

    /**
     * @return string
     */
    public function getUsername(): string
    {
        return $this->_username;
    }

    /**
     * @return string
     */
    public function getPassword(): string
    {
        return $this->_password;
    }

    /**
     * @return mixed
     */
    public function getImage()
    {
        return $this->_image;
    }

    /**
     * @return null
     */
    public function getId()
    {
        return $this->_id;
    }

    /**
```

```
     * @return string
     */
    public function getEmail(): string
    {
        return $this->_email;
    }

    /**
     * @return mixed
     */
    public function getFirstName()
    {
        return $this->_firstName;
    }

    /**
     * @return mixed
     */
    public function getLastName()
    {
        return $this->_lastName;
    }

    /**
     * @return string
     */
    public function getRole(): string
    {
        return $this->_role;
    }

    /**
     * @return mixed
     */
    public function getGCID()
    {
        return $this->_GCID;
    }

    /**
     * @return mixed
     */
    public function getLocation()
    {
        return $this->_location;
    }

    /**
     * @return mixed
     */
    public function getCreated()
    {
        return $this->_created;
    }

    /**
     * @return mixed
     */
```

```
    public function getLastLogin()
    {
        return $this->_lastLogin;
    }

    /**
     * @return mixed
     */
    public function getModified()
    {
        return $this->_modified;
    }


    /**

     * @param string $email
     */
    public function setEmail(string $email)
    {
        $this->_email = $email;
    }

    /**
     * @param mixed $firstName
     */
    public function setFirstName($firstName)
    {
        $this->_firstName = $firstName;
    }


    public function setId($id)
    {
        $this->_id = $id;
    }

    /**
     * @param mixed $image
     */
    public function setImage(string $image)
    {
        $this->_image = $image;
    }

    /**
     * @param mixed $GCID
     */
    public function setGCID(string $GCID)
    {
        $this->_GCID = $GCID;
    }

    /**
     * @param mixed $location
     */
    public function setLocation(string $location)
    {
```

```
        $this->_location = $location;
    }

    /**
     * @param string $username
     */
    public function setUsername(string $username)
    {
        $this->_username = $username;
    }

    /**
     * @param string $role
     */
    public function setRole(string $role)
    {
        $this->_role = $role;
    }

    /**
     * @param mixed $lastName
     */
    public function setLastName(string $lastName)
    {
        $this->_lastName = $lastName;
    }

    /**
     * @param string $password
     */
    public function setPassword(string $password)
    {
        $this->_password = $password;
    }

    /**
     * @param mixed $lastLogin
     */
    public function setLastLogin($lastLogin)
    {
        $this->_lastLogin = $lastLogin;
    }

    /**
     * @param mixed $modified
     */
    public function setModified($modified)
    {
        $this->_modified = $modified;
    }


    // Methods - Reference: PHP hacks by Jack D. Herrington

    public function load($id) {
        $db = db::GetInstance();
        $data = array();
```

```
        $sql = "select * from user WHERE userID = ?";    //named
parameters

        $query = $db->dbc->prepare($sql);

        $query->execute(array($id));

        $result = $query->fetchAll();

        foreach ($result as $data) {
            $this->_id = $data['userID'];
            $this->_email = $data['email'];
            $this->_username = $data['username'];
            $this->_role = $data['role'];
            $this->_password = $data['password'];
            $this->_firstName = $data['firstName'];
            $this->_lastName = $data['lastName'];
            $this->_image = $data['image'];
            $this->_GCID = $data['GCID'];
            $this->_location = $data['location'];
            $this->_lastLogin = $data['lastLogin'];
            $this->_created = $data['created'];
            $this->_modified = $data['modified'];
       //     $this->_timezone = $data['timezone'];
        }
        return $data;
        $this->_log->setEmail($this->_email);
        $this->_action = $this->_log->setAction("Loaded user data.");
        $this->Notify();
    }

    public function insertRecord()
    {
        $this->clearOutcome();
        $db = db::GetInstance();

        $sql = 'insert into `user` (`username`, `password`, `email`)
values (?, ?, ?)';

        $query = $db -> dbc -> prepare($sql);

        $query -> execute(array($this->_username, $this->_password,
$this->_email));    //named parameters value
        $this->_log->setEmail($this->_email);
        $this->_action = $this->_log->setAction("User record
created.");
        $this->Notify();

        if($query) {
            $this->_outcome = 'Success';
        }
        else {
            $this->_outcome = 'Fail';
        }
    }

    public function clearOutcome() {
        $this->_outcome = null;
```

```
    }

    public function updateRecord($id)
    {
        $this->clearOutcome();
        $db = db::GetInstance();

        $sql = "update `user` SET `password` = :password, `role` =
:role, `image` = :image, `username` = :username, `firstName` =
:firstName, `lastName` = :lastName, `GCID` = :GCID, `location` =
:location, `modified` = :modified where userID = :id";    //prepared
statements

        $query = $db->dbc->prepare($sql);

    //    $query->bindParam(':email', $this->_email);
        $query->bindParam(':password', $this->_password);
        $query->bindParam(':role', $this->_role);
        $query->bindParam(':image', $this->_image);
        $query->bindParam(':username', $this->_username);
        $query->bindParam(':firstName', $this->_firstName);
        $query->bindParam(':lastName', $this->_lastName);
        $query->bindParam(':GCID', $this->_GCID);
        $query->bindParam(':location', $this->_location);
        $query->bindParam(':modified', $this->_modified);
        $query->bindParam(':id', $id);

        $_SESSION['user'][2] = $this->_username;

        $query -> execute();   //prepared statements value

        $this->_action = $this->_log->setAction("User record
updated.");
        $this->_log->setEmail($this->_email);
        $this->Notify();
        if($query) {
            $this->_outcome = 'Success';
        }
        else {
            $this->_outcome = 'Fail';
        }
    }

    public function deleteRecord($id)
    {
        $this->clearOutcome();
        $db = db::GetInstance();
        $this->_outcome = '';

        $sql = "DELETE FROM `user` WHERE userID= ?";

        $query = $db -> dbc -> prepare($sql);

        $query->execute(array($id));
        $this->_log->setEmail($this->_email);
        $this->_action = $this->_log->setAction("User record
deleted.");
        $this->Notify();
```

```
        if ($query) {
            $this->_outcome = 'Success';
        } else {
            $this->_outcome = 'Fail';
        }
    }

    public function LoginCheck() {
        $db = db::GetInstance();
        $sql = "select * from `user` where `email` = :email";
//prepared statements

        $query = $db -> dbc -> prepare($sql);
        $query->bindParam(':email', $this->_email);

        $query -> execute();   //prepared statements value

        $this->_result = $query -> fetch();
        // password_verify( $password, $hash ) - $hash contains
retrieved password from db to compare against form input
        if ($this->_result && password_verify($_POST['password'],
$this->_result['password']))
        {
            $this->_action = $this->_log->setAction("Successfully
logged in.");
            $sql = "update user set lastLogin = :ldate where email =
:email";    //prepared statements

            $query = $db->dbc->prepare($sql);
            $query->bindParam(':ldate', $this->_lastLogin);
            $query->bindParam(':email', $this->_email);

            $query -> execute();   //prepared statements value

            $user = array($this->_result['userID'], $this-
>_result['email'], $this->_result['username'], $this->_result['role']);
            $_SESSION['user'] = $user;
            $this->_log->setEmail($this->_email);
            $this->_action = "Successfully logged in.";

            echo "<script>location.assign('profile.php'); </script>";
        } else {
            $this->_log->setEmail($this->_email);
            $this->_action = $this->_log->setAction("Failed login
attempt.");
            echo "<script>location.assign('LoginForm.php?update=fail');
</script>";
        }
        $this->Notify();
    }

    public function Attach(IObserver $observer)
    {
        $this->_observers[] = $observer;
    }

    public function Detach(IObserver $observer)
    {
```

```
        $index = array_search($observer, $this->_observers, true);
        if($index !==false) {
            array_splice($this->_observers, $index, 1);
        }
    }

    public function Notify()
    {
        foreach ($this->_observers as $observer) {
            $observer->Update($this->_email, $this->_time, $this-
>_action);
        }
    }
}

?>
```

UserLog.php

```
<?php
namespace DesignPatterns\ObserverPattern;

require_once 'IObserver.php';
require_once "db.inc.php";
require_once "User.php";
require_once 'ObjectProperties.php';

use Main\db;
use \DesignPatterns\FactoryPattern\User;
use \Main\ObjectProperties;


class UserLog extends ObjectProperties implements IObserver {

    // Attributes
    private $_id;
    private $_email;
    private $_time;
    private $_action;

    // Constructor
    public function __construct()
    {
        $this->_id = null;
        $this->_time = date('Y-m-d H:i:s');
    }

    // Properties

    /**
     * @return mixed
     */
    public function getId()
    {
        return $this->_id;
    }

    /**
```

```
     * @return mixed
     */
    public function getEmail()
    {
        return $this->_email;
    }

    /**
     * @param string $email
     */
    public function setEmail(string $email)
    {
        $this->_email = $email;
    }

    /**
     * @return mixed
     */
    public function getTime()
    {
        return $this->_time;
    }

    /**
     * @return mixed
     */
    public function getAction()
    {
        return $this->_action;
    }

    /**
     * @param mixed $action
     */
    public function setAction($action)
    {
        $this->_action = $action;
    }

    // Methods

    public function Update(IObservable $observable)
    {
        // Insert loggable details into database - or at least try to
        $db = db::GetInstance();
        $sql = 'insert into `userlog` (`userEmail`, `time`, `action`)
values (?, ?, ?)';

        $query = $db -> dbc -> prepare($sql);


        $query -> execute(array($this->_email, $this->_time, $this-
>_action));    //named parameters value

    }
}
```

UserSignIn.php

```
<?php
namespace DesignPatterns\ObserverPattern;

require_once 'IObserver.php';
require_once "db.inc.php";
require_once "User.php";
require_once 'ObjectProperties.php';

use Main\db;
use \DesignPatterns\FactoryPattern\User;
use \Main\ObjectProperties;



class UserLog extends ObjectProperties implements IObserver {

   // Attributes
   private $_id;
   private $_email;
   private $_time;
   private $_action;

   // Constructor
   public function __construct()
   {
      $this->_id = null;
      $this->_time = date('Y-m-d H:i:s');
   }

   // Properties
```

```
    /**
     * @return mixed
     */
    public function getId()
    {
        return $this->_id;
    }

    /**
     * @return mixed
     */
    public function getEmail()
    {
        return $this->_email;
    }

    /**
     * @param string $email
     */
    public function setEmail(string $email)
    {
        $this->_email = $email;
    }

    /**
     * @return mixed
     */
    public function getTime()
    {
        return $this->_time;
    }
```

```
  /**
   * @return mixed
   */
  public function getAction()
  {
     return $this->_action;
  }

  /**
   * @param mixed $action
   */
  public function setAction($action)
  {
     $this->_action = $action;
  }

  // Methods

  public function Update(IObservable $observable)
  {
     // Insert loggable details into database - or at least try to
     $db = db::GetInstance();
     $sql = 'insert into `userlog` (`userEmail`, `time`, `action`) values (?, ?, ?)';

     $query = $db -> dbc -> prepare($sql);

     $query -> execute(array($this->_email, $this->_time, $this->_action));    //named parameters
value
```

```
    }
}
```

Appendix 2: Evidence of testing

These screenshots provide a record of development and the debugging process. I have used the Bootstrap 4 framework and several free 3rd party snippets to aid in the design of the site (e.g. login form) – these are referenced in the captions.

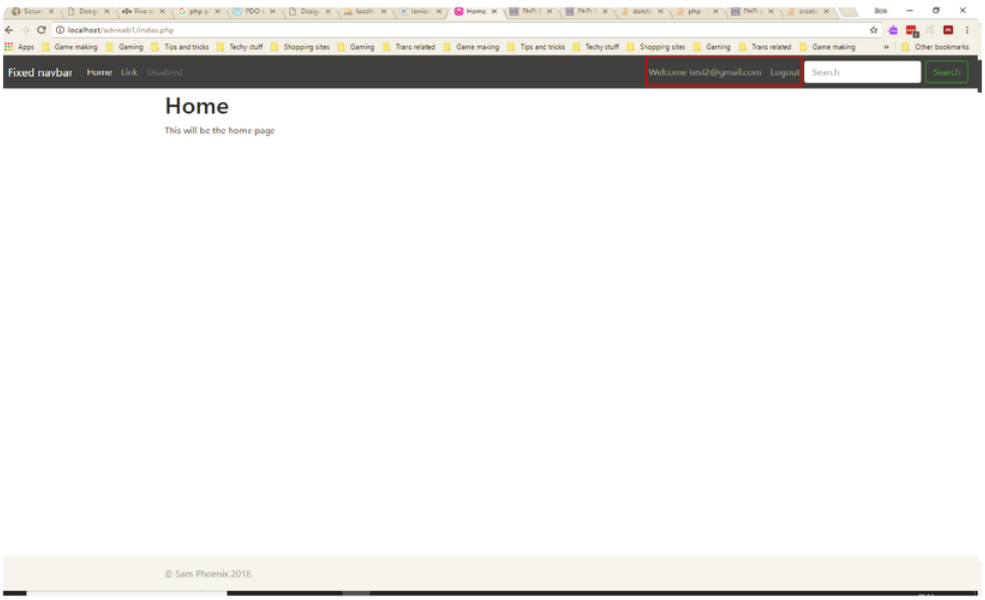


Figure 13: Successful registration is shown in the navigation bar

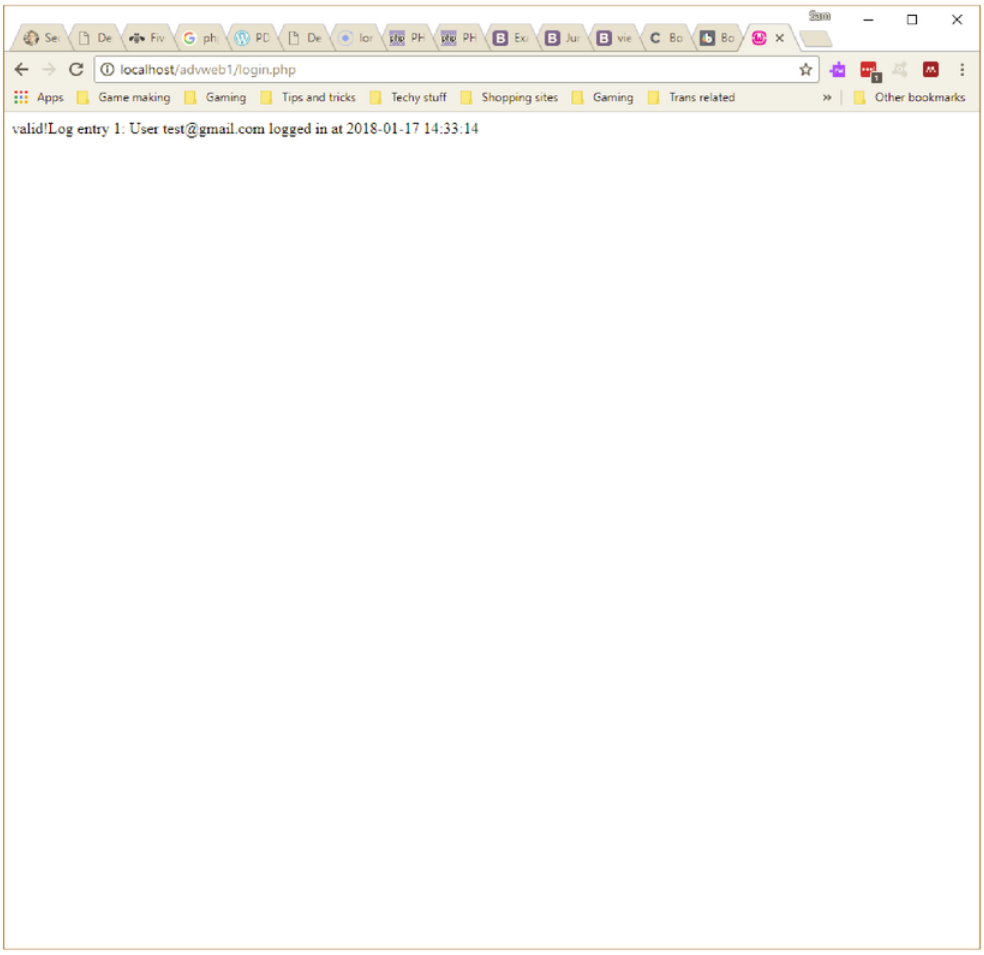


Figure 14: Login debugging; user logged in successfully but wasn't written to the database. Later found this was due to bad naming in SQL

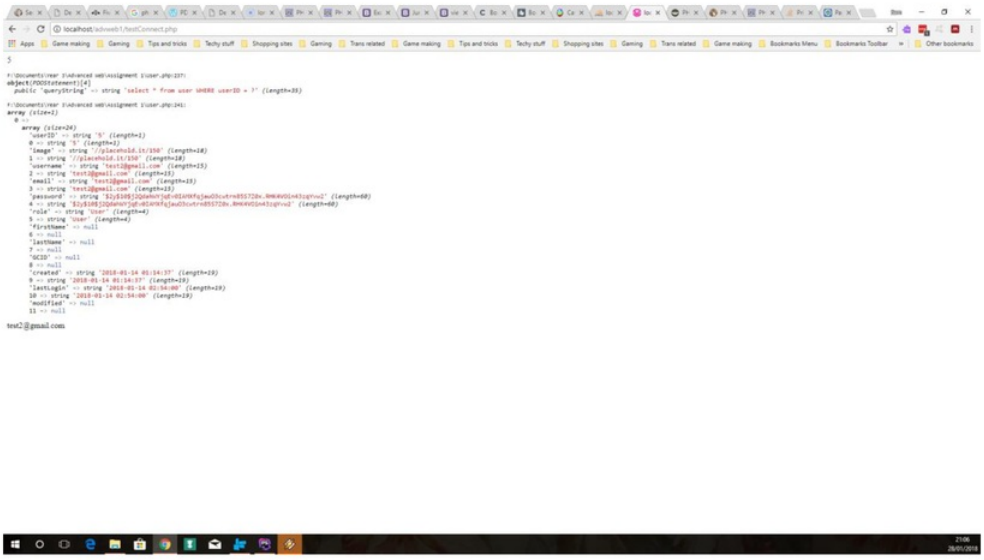


Figure 15: Using var_dump() to figure out what's gone wrong

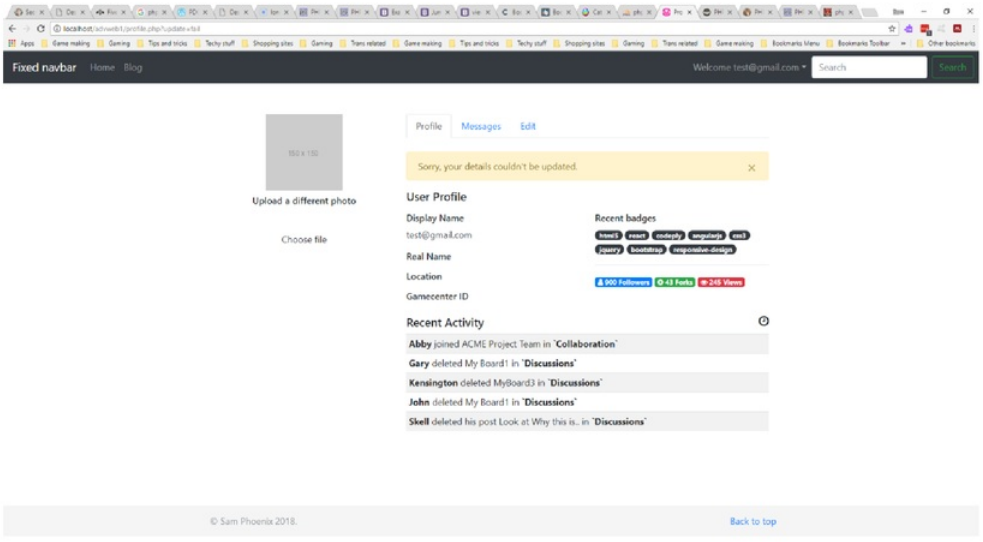


Figure 16: Testing the edit of user profile, as well as the error message feature

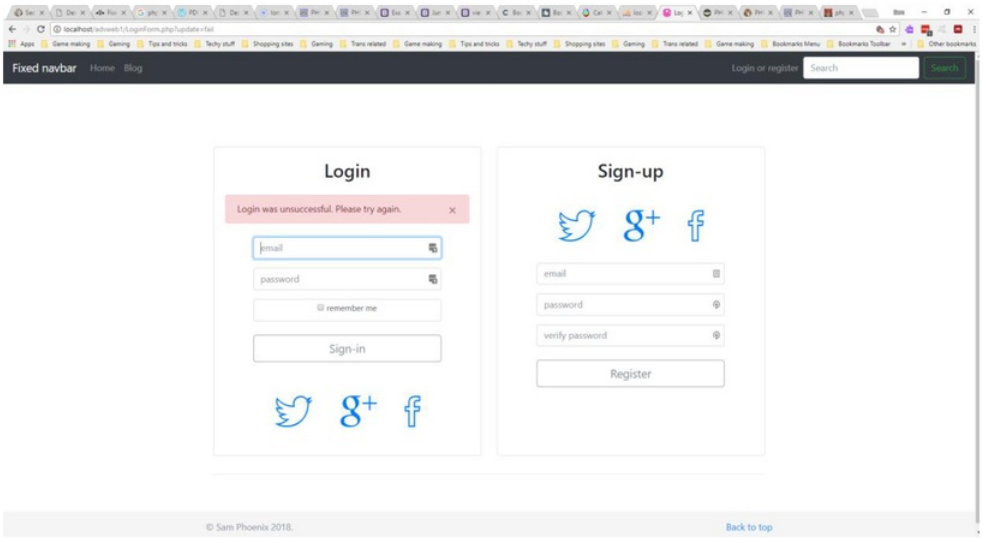


Figure 17: Deliberately unsuccessful login to test validation[6]

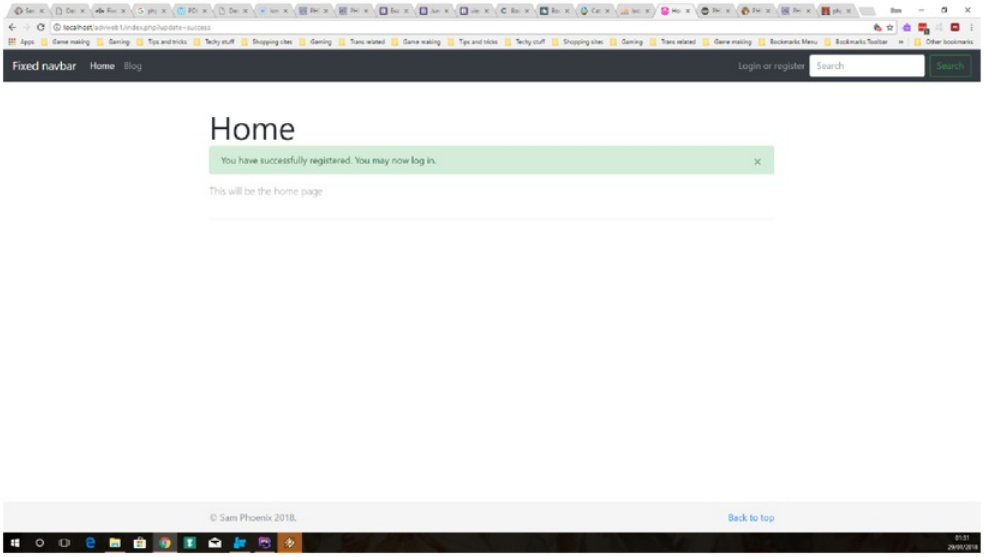


Figure 18: Successful register message

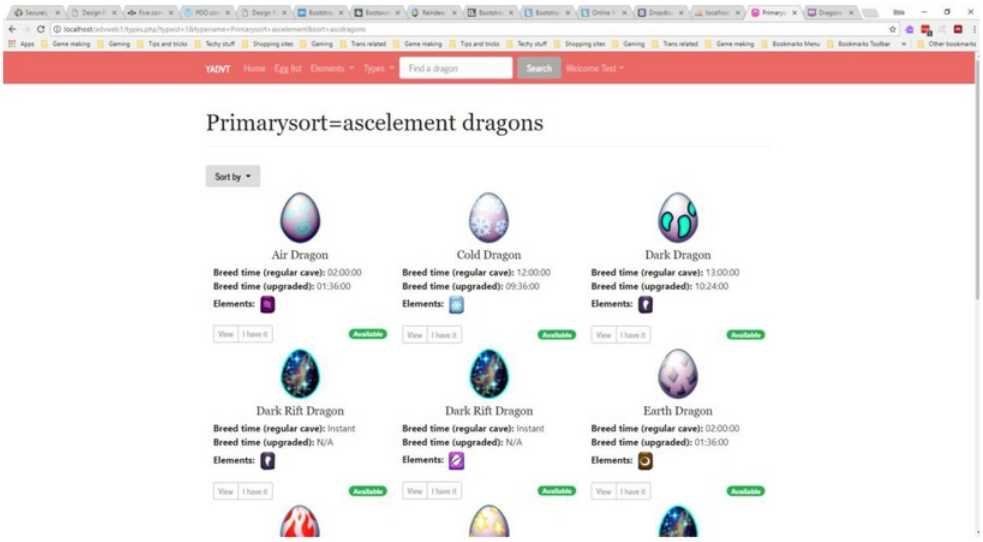


Figure 19: Having a dynamic title comes in handy for debugging the sort function

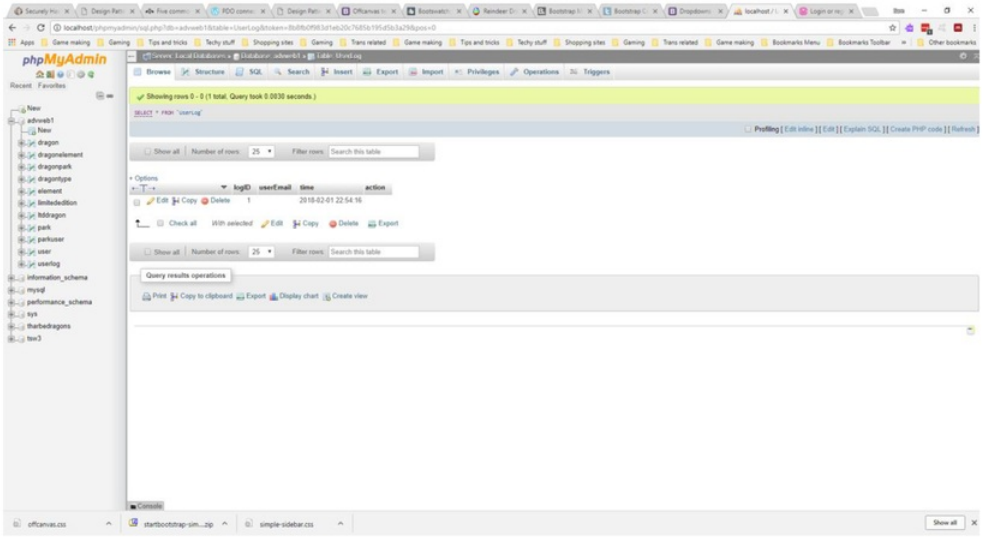


Figure 20: The observer pattern worked at some point, although email and action details couldn't be retrieved

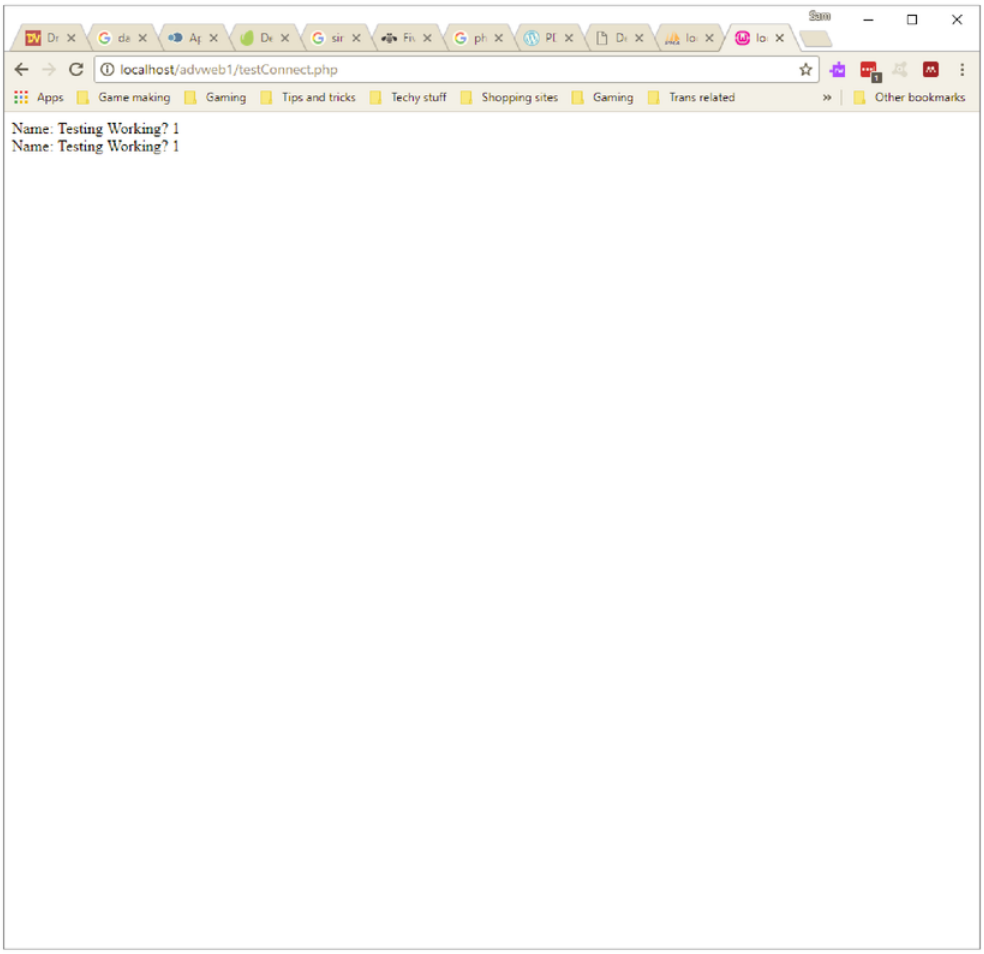


Figure 21: Testing Singleton database connection handling using a test file

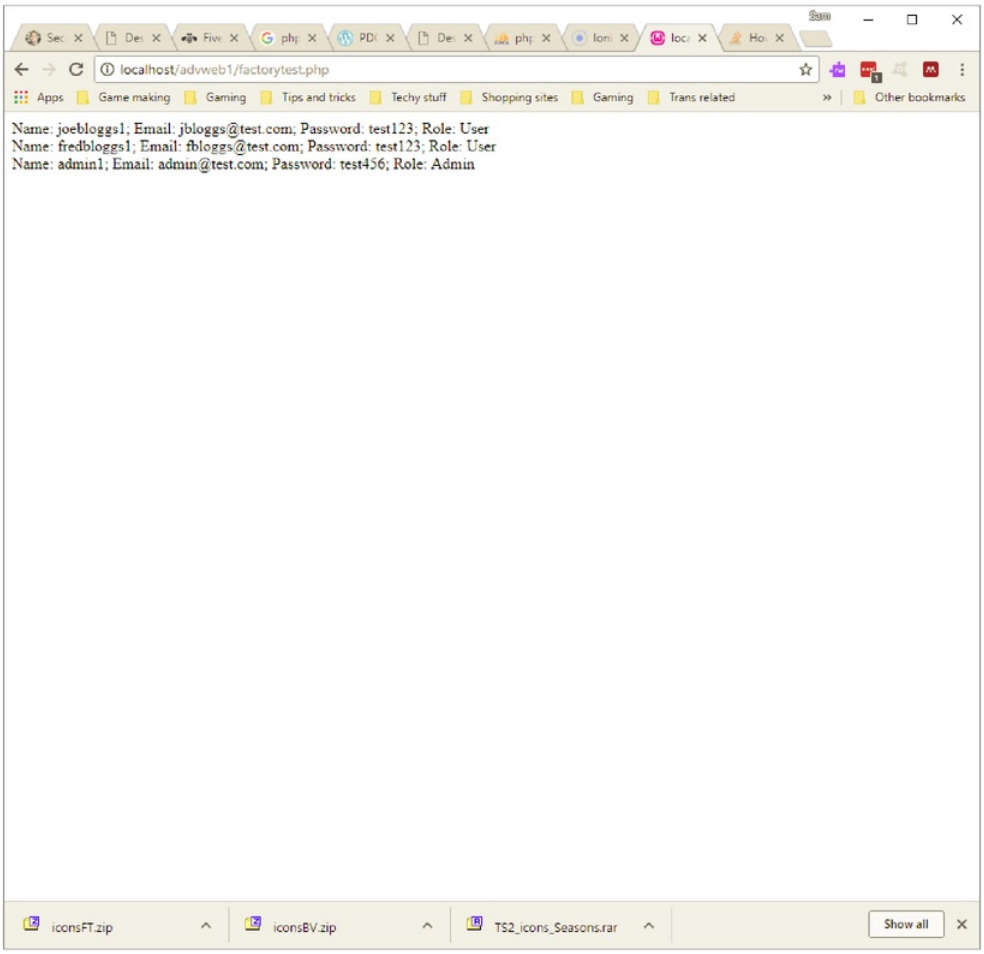


Figure 22: Testing factory class for creating users

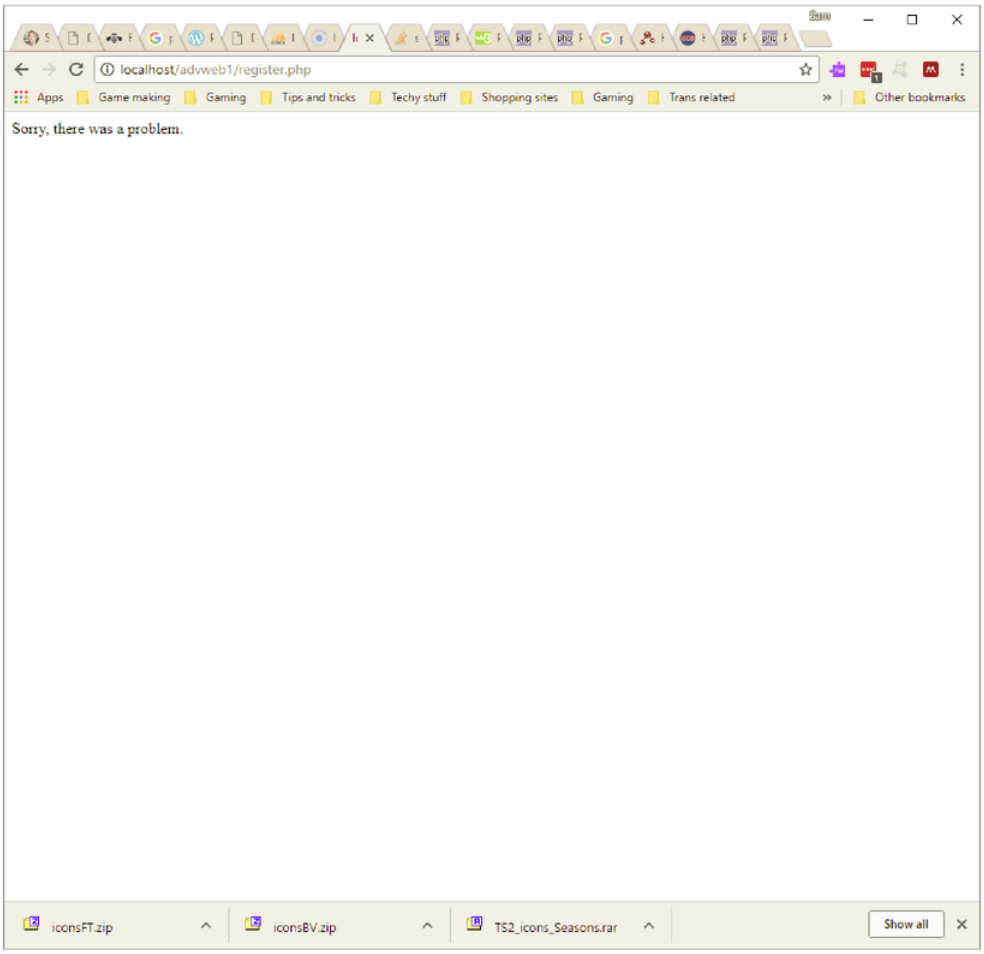


Figure 23: Error handling for debugging register form

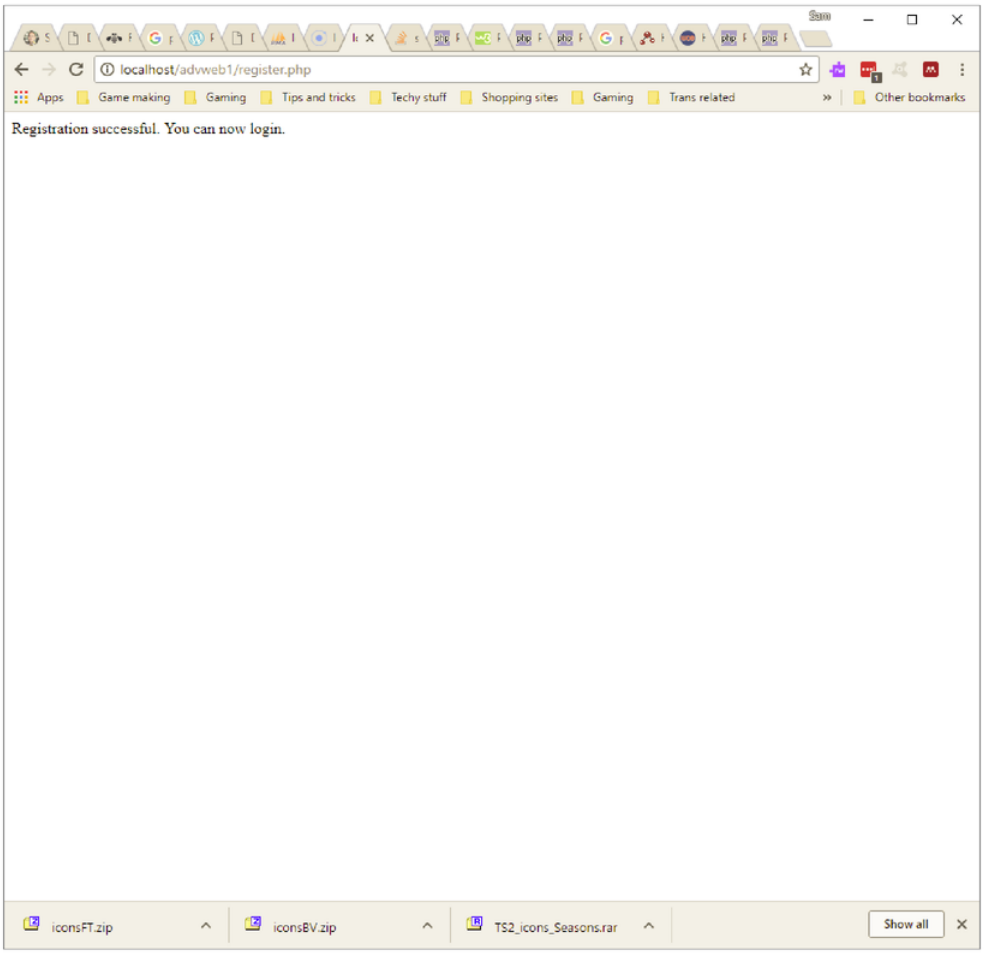


Figure 24: Successful register

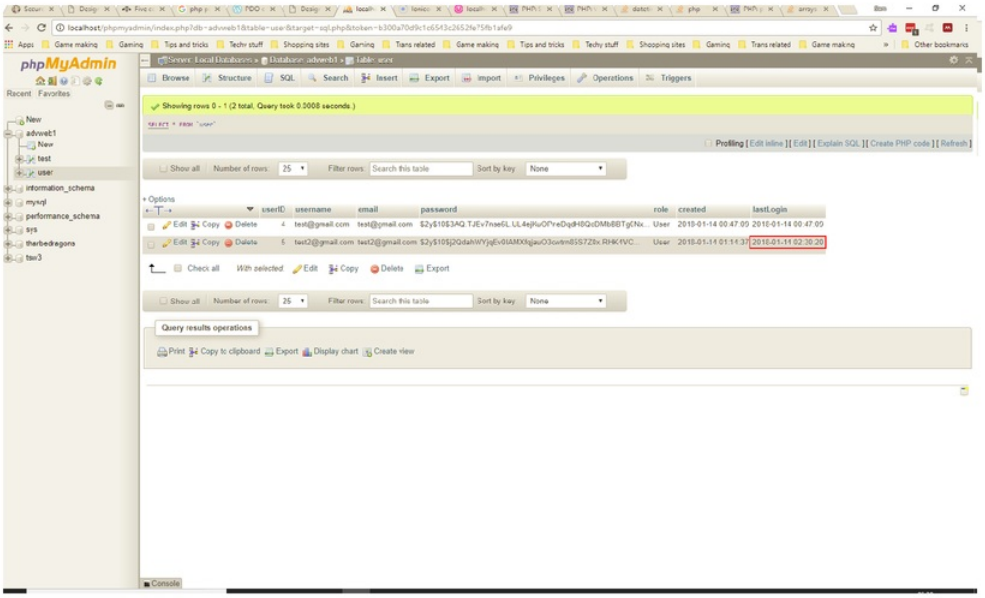


Figure 25: Users entered into database via register form; this shows a successful timestamp for last login time

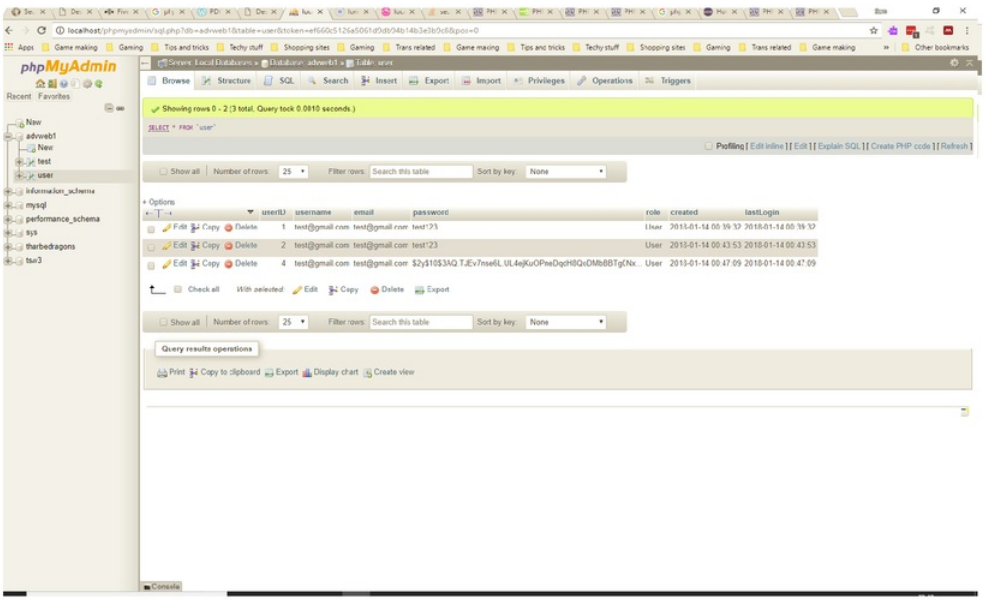


Figure 26: Password management with and without use of password_hash()

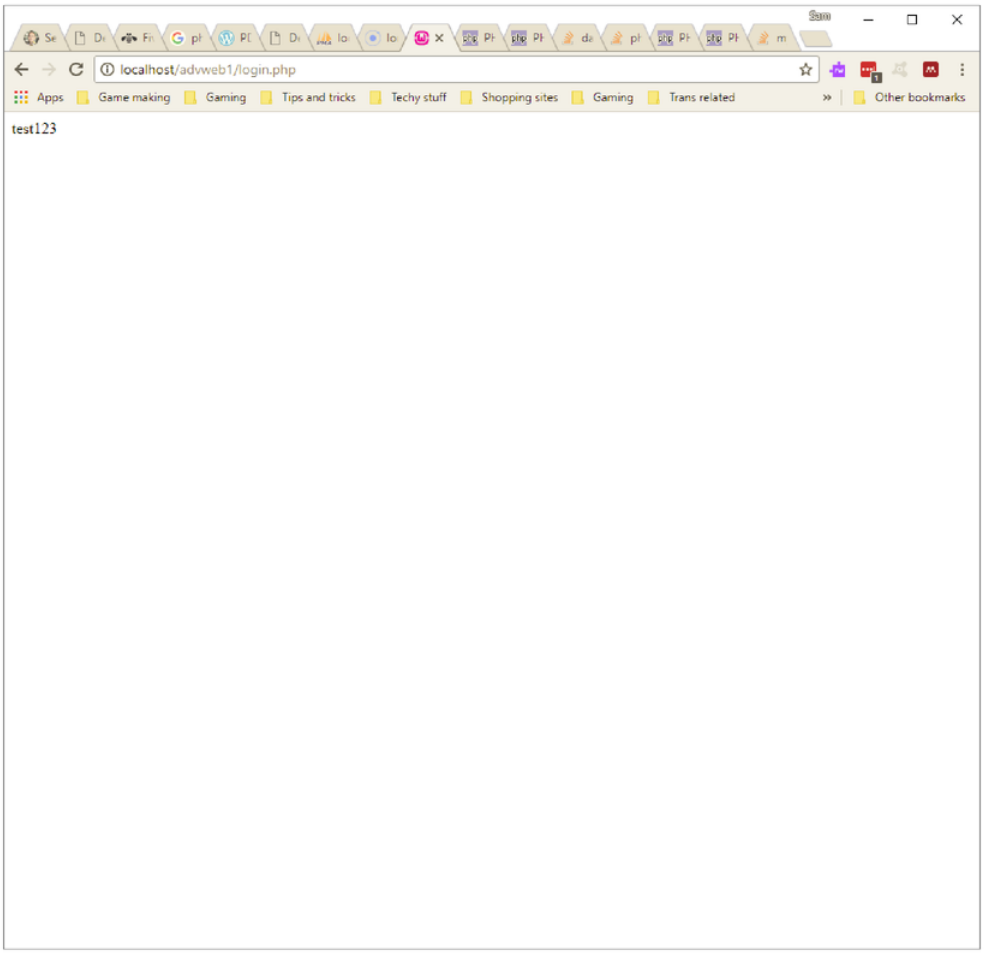


Figure 27: Checking the password entered by user

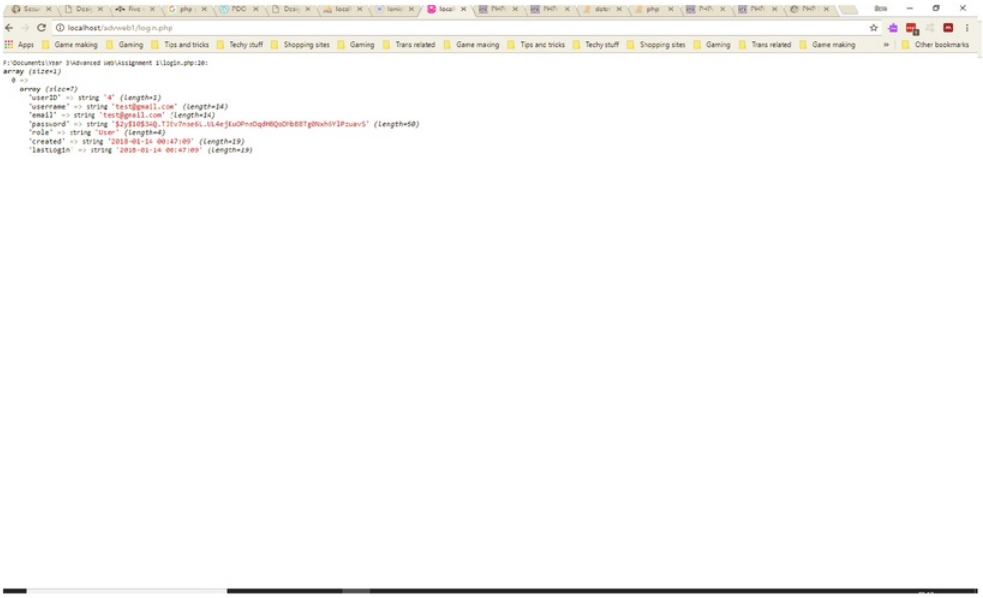


Figure 28: Debugging login problems

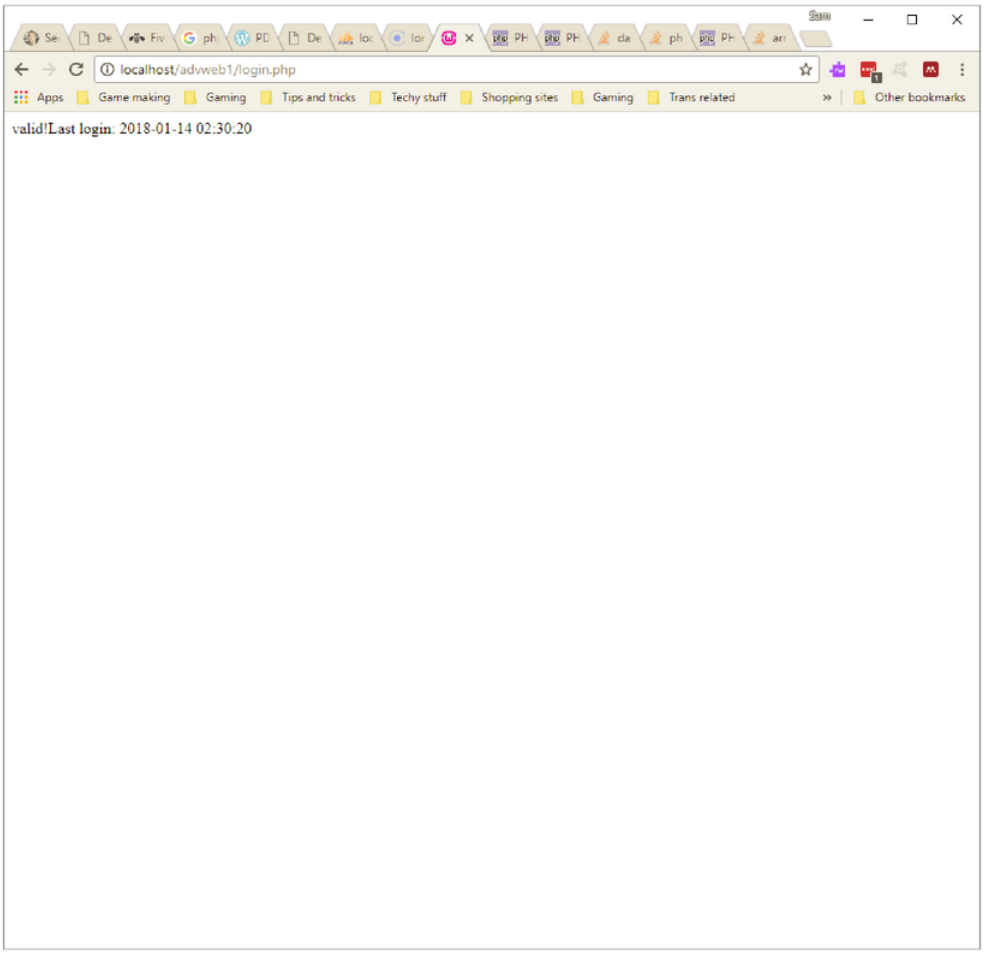


Figure 29: Checking last login feature

Advanced Web 1

GRADEMARK REPORT

FINAL GRADE

64/100

GENERAL COMMENTS

Instructor

Investigation of design patterns (30) : 22

Investigation of MVC (20): 10

Quality of website and techniques used (30): 21

Login system (Observer pattern) (15): 8

Software testing (5): 3

Design patterns discussed but more detail could have been provided, especially in the Factory Design Pattern analysis. Code provided.

Some discussion of MVC but very little analysis of the benefits and drawbacks.

The implementation is a bit of a mix of OOPs and standard PHP, although you have applied some design patterns such as the factory pattern. With a bit more thought it would not have been too difficult to design the code to use more of the OOPs approach.

A basic implementation of the Observer pattern has been provided.

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Comment 1

This is not really true, perhaps you meant without needing to know how to construct each object type.

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Comment 2

This is actually the abstract factory pattern.

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Comment 3

Would have liked this in a class.

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Comment 4



Typically the Factory class should just create objects. A separate class should be used for managing them.

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