

HTML Assignment 2 (Shane Groves 2413879)

by Shane Groves

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INTRODUCTION TO WEB AND DATABASE CONCEPTS



Shane Groves (2413879)

INTRODUCTIONS TO WEB AND DATABASE CONCEPTS 02.12.2024

Table of Contents

Introduction:	1
Requirements:.....	1
Implementation:	2
Validation:	5
Evaluation:	6
Website Usability:	6
Website Accessibility:	7
Search Engine Optimisation	7

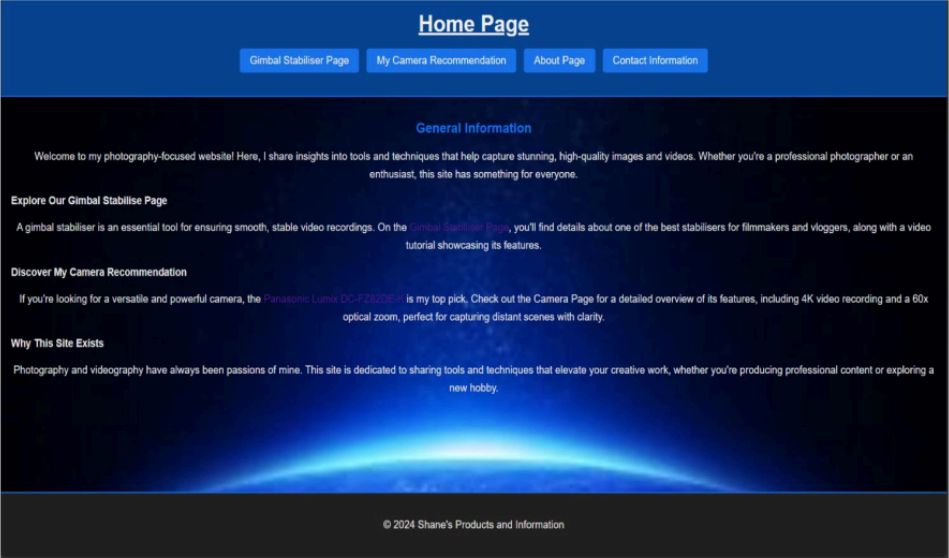
Introduction:

This Report has been created to summarise the task that I have completed and label all the key points which were implemented to finalise my assignment. I will go in detail about my web page and how I created it. I will include validation sources and will state my reason for use for certain features on the web page.

Requirements:

The website I created as part of my assignment consists of multiple different pages which link together to show different products relating to photography and videography. I included some additional 'about' and further included a contact information page to increase the professionalism of the website. The main 'index' page has links to all the other web pages that I created and on each web page there is a link back to the main page which solidifies the navigation feature of my website. The intended target audience for this website is anybody who has an interest in photo related technology. This content could also be directed to people who have an interest in learning new things or plan to start photography or videography. The intended target audience isn't necessarily one group of people, rather anybody with an interest to learn.

Implementation:



Gimbal Stabiliser Main Page

[Back To Home Page](#)

This webpage was created to show a new product launch from my company.

Introduction

This is a simple webpage with validated HTML and CSS.

Product Information:

The product is a gimbal stabiliser to increase the stability of your video feed when recording footage for multiple purposes.

- "Lightweight and easy to contain"
- "Multi-phone compatible and room for future upgrades"
- "Affordable and durable"

Mobile Phones & Communication > Accessories > Photo & Video Accessories > Handheld Stabilisers & Stabilisers



 **DJI OSMO Mobile SE** smartphone gimbal, 3-axis stabilization, handy and foldable, Android and iPhone gimbal with ShotGuides, smartphone gimbal with ActiveTrack 6.0, vlog stabilizer

Visit the DJI Store

4.3  6,332 ratings

60+ images in past weeks

☐ Yes, I want a free trial with **FREE Premium Delivery** on this order. [apple prime](#)

Delivery Pickup

'68⁰⁰

FREE Returns 

FREE delivery Thursday, 5



Roll over image to zoom in

Full Light Combo

£110.00

Colour: Gray

Brand: DJI

Compatible: Cellphone

Payment:  Secure transaction

☐ Add gift options

Add to List

Please follow the link below for more information:

[Product Details Page](#)

[YouTube Video Link](#)



Watch on  YouTube

"Colors, like features, follow the changes of emotions". - Pablo Picasso

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Panasonic Lumix DC-FZ82DE-K Main Page

Back To Home Page

This webpage was created to showcase a featured camera product I have researched for my company.

Introduction

This camera has been thoroughly researched by myself to implement into the company that I work for to improve

Product Information:

The Panasonic Lumix DC-FZ82DE-K is a versatile camera designed for photographers and videographers who want an all-in-one device for stunning results.

- "4K photo and video recording capabilities"
- "Powerful 60x optical zoom for capturing distant subjects"
- "Compact and user-friendly design"



Click Here to view more detailed information

[Panasonic Lumix Features](#)

YouTube Video Link:

Please see the Video listed below for more information on this camera!

A new 60x zoom bridge camera! 2024! Panasonic Lumix FZ82DE / FZ82D



Watch on  [YouTube](#)

"Photography takes an instant out of time, altering life by holding it still". -Dorothea Lange

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About Me

Back To Home Page

Introduction

Welcome to my photography product information website! My name is Shane, and I am currently in a stage of researching photography equipment. This has been a recent project that I have taken on, and based on my research, I have already helped friends and family improve their capture quality!

About Me

I've always been fascinated by the way a single photo or video can tell a story. I never took into account how much a device can vary and how that variance can change camera quality dramatically. Researching this field has been a major eye opener and I plan to continue my research going forward.

Why I Started This Website

The idea for this website came from a recommendation within my workspace. We have multiple sites across the world, and capturing stable, usable feed can be a challenge. I took this challenge on and decided to compile my findings into a website format!

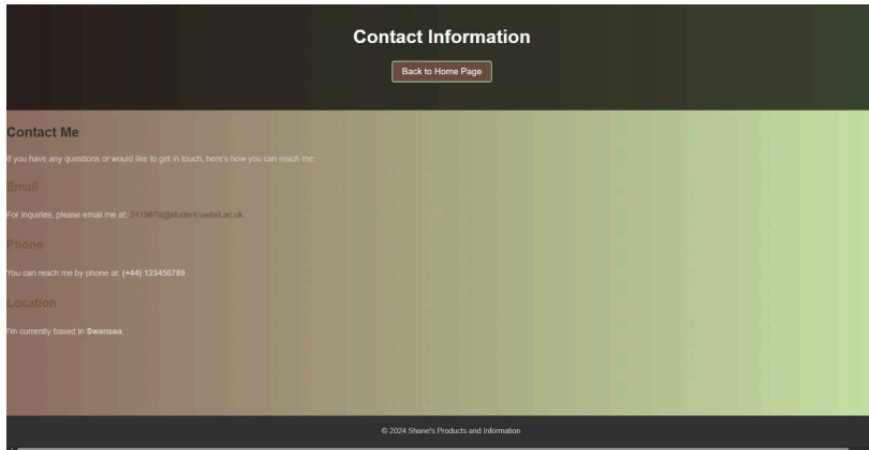
My Approach To This Project

Due to my lack of supporting funds for the project to become a main focus, I cannot test much equipment. However, with the help of others and plenty of research, I have successfully found some useful tools as seen on the other pages of this website!

What You Can Expect from This Website

On this site, you can expect multiple different pieces of equipment to support photography and videography, with supporting links and images, along with brief information covering each device!

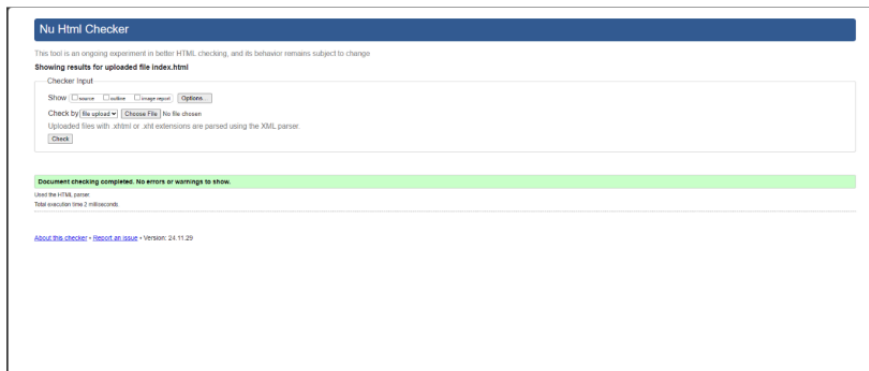
© 2024 Shane's Products and Information



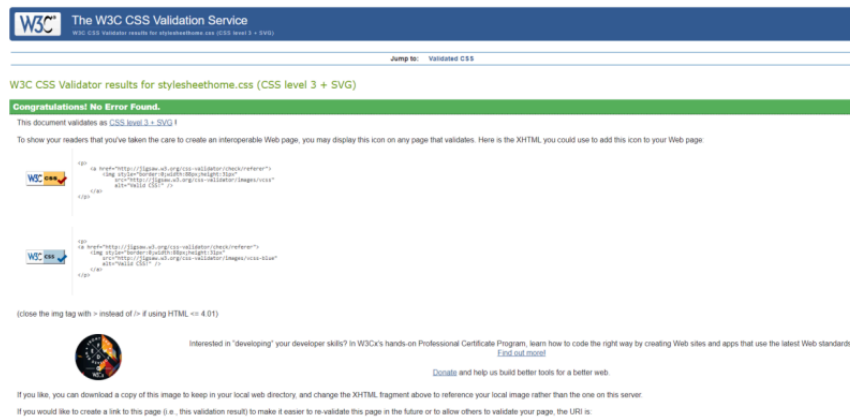
Validation:

The screenshots below provide my results from validation tests of my HTML and CSS for my 'index' page:

HTML:



CSS:



From the validation tests, it can be identified that I did not encounter any errors in the process of completion. This is because during the process of the website creation, I made sure to personally verify each step and cross reference it to what I have learned during the module.



Evaluation:

Website Usability:

Website usability typically refers to the ease of access a user has on a website. How smooth and consistent the page navigation is and how interactive each site is. Great website usability is essential for maintaining a user base and increasing engagement, and importantly, business and development goals. [1]

It is further suggested that usability impacts the user the most. Website designs with poor levels of usability features can lead to time loss, moral decreases and vast disappointments for the user whilst they use the website. [2]

To conclude, it is essential for a website to be easy to use and navigate, whilst being structured and informative. Developing of the site should be concise and all visual and navigational features should be heavily revised to support user access.

Website Accessibility:

When it comes to development, making your website accessible to as many users as possible is of high importance. It is important to consider the number of devices we have in this modern era and each device has different levels of support. So, ensuring that every device can access the website that you or I have created is of massive importance.[3]

Sites and applications should also be understandable by users regardless of their physical abilities. Furthermore, sites should not lead to any substantial harm, such as bright flashing lights or rapid motion which could lead to seizures. [3]

From further research, the best way to ensure that your website follows modern day accessibility guidelines is to consider and apply the WebContent Accessibility Guidelines 2.1. This content supports the user with guidance in creating an accessible web page for everybody, regardless of their disabilities. [4]

As a general conclusion, it is evidently clear that making a website accessible to users regardless of disabilities or devices is of large importance. If these aspects are not catered to, many negatives would arrive as a result, such as:

- User Frustration
- Lack of users
- Bad reviews and lack of support
- Possible health threats if not properly optimised.

Search Engine Optimisation:

Search Engine Optimisation or (SEO) is the typical process of improving the visibility of a website in everyday search engines [5]

With relations to web development, optimising a specific website may involve editing the content at hand to include more specific key words and terminology. This may require changes to HTML code to be classed as effective. [5]

For example, there was a study created for search engine optimisation in the regards of Gastroenterology. It was suggested that a search for doctors in these fields in an area would display results from sites such as (Facebook, Google and Yelp) These are some of the top optimised search engines, fortifying the fact that these websites have optimised themselves to portray their results over everybody else's. [6]

To conclude, SEO is essential for development if building a website to be seen is the goal.

Evaluation of My Completed Site:

Usefulness (usability and utility)-

My website has a variety of features which can be classed as usability boosts. I have integrated buttons for navigation at the top of each page. I've included links to all products mentioned for the user to navigate to websites for more indepth information on each product.

Furthermore, I have included all my contact information on the last page to ensure if there are any user questions, they have a way to contact me and ask.

With regards to improvements, I believe that I could implement more text boxes and navigations, I could increase the scale of the contact box and with some further learning I could implement an integrated contact system.

Search Engine Optimisation (SEO):

During the production of my website, I have implemented a variety of SEO techniques, the list is as follows:

- **On-Page SEO:** Headings, external links, images, video embeds, internal links to each page.

- **Content SEO:** I have included various keywords and keyword titles and linked out to other high quality web pages for more information.

There are many more SEO techniques, such as image techniques and multi-lingual. However, due to the nature of the website, this was not necessarily an essential option, the purpose of the site was to display information in a clear and concise manner, whilst touching base on images, implementing lots would have confused the user.

Accessibility:

My website includes various accesibility tactics to ensure it is catered to all users. I breifly completed a contrast checker test for my 'Gimball' page due to the nature of my index page having an image as a background opposed to a colour.

The test I completed resulted in a good score, proving my point that I have made it catered and visibly accessible to all users who may use the website:

Analyse Luminosity Contrast Ratio

Colours

Background Colour:

Foreground Colour:

Large Text Sample

Large text sample.

Regular Text Sample

Regular text sample.

Results for Luminosity Contrast Ratio

The contrast ratio is: 4.96:1

Passed at Level AA for regular text, and pass at Level AAA for large text: If the text is large text (at least 18 point or 14 point bold), the luminosity contrast ratio is sufficient for the chosen colours at Level AAA; otherwise, Level AA (#ff7e00 and #333).

<http://juicystudio.com/services/luminositycontrastratio.php>



Furthermore, I have ensured that no colours are overly bright, and the colours will not cause any eye strain or trigger any physical disabilities.

The website has intuitive buttons for navigation as previously mentioned and has various links and contacts information for users, therefore improving the scale of the accessibility features. There could be some improvement, perhaps in the areas such as size increasing the font, but a zoom in feature is possible as standard of Microsoft Edge or Google Chrome

Moreover, any device can access this website and all its pages. The page will fit the screen no matter the device.



References

- [1] Ramotion, "Website Usability 101: Definition, Principles and Methods.," Ramotion, 17 April 2023. [Online]. Available: <https://www.ramotion.com/blog/website-usability/#section-defining-website-usability>.

- [2] A. P. a. C. A. G. Nevcihan Toraman, "Conceptualization and Survey Instrument Development for Web Usability," *Web Usability: Informatics 2023*, p. 38, 2023.
- [3] M. Contributors, "Accessibility- Make the web usable by everyone," 22 November 2024. [Online]. Available: <https://developer.mozilla.org/en-US/docs/Learn/Accessibility>.
- [4] M. F. a. B. Vogel, "Accessibility in Web Development Courses: A Case Study," *Informatics*, p. 1 of 15, 2020.
- [5] geeksforgeeks, "geeksforgeeks- What is search engine optimisation," 30 October 2023. [Online]. Available: <https://www.geeksforgeeks.org/what-is-search-engine-optimization/>.
- [6] R. M. Rammohan, A. M. Sinha, T. M. Saggar, M. M. Joy and P. M. M. Mustacchia, "The Use of Search Engine Optimization (SEO) and Social Media in the Field of Gastroenterology," *S1517*, p. 1, 2022.



Appendices:

HTML Code:

Index HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
  <title>Home Page</title>
  <link rel="stylesheet" href="stylesheethome.css">
</head>
<body>
```

```
<header>
  <h1><u>Home Page</u></h1>
  <nav>
    <div class="nav-buttons">
      <button onclick="window.location.href='gimball.html'">Gimbal Stabiliser
Page</button>
      <button onclick="window.location.href='camera.html'">My Camera
Recommendation</button>
      <button onclick="window.location.href='about.html'">About Page</button>
      <button onclick="window.location.href='contact.html'">Contact
Information</button>
    </div>
  </nav>
</header>
<main>
  <h2>General Information</h2>
  <p>
    Welcome to my photography-focused website! Here, I share insights into
tools and techniques that help capture stunning, high-quality images and videos.

    Whether you're a professional photographer or an enthusiast, this site has
something for everyone.
  </p>

  <section>
    <h3>Explore Our Gimbal Stabilise Page</h3>
    <p>
      A gimbal stabiliser is an essential tool for ensuring smooth, stable video
recordings. On the
      <a href="gimball.html">Gimbal Stabiliser Page</a>, you'll find details
about one of the best stabilisers
      for filmmakers and vloggers, along with a video tutorial showcasing its
features.
    </p>
  </section>
</main>
```

</p>

</section>

<section>

<h3>Discover My Camera Recommendation</h3>

<p>

If you're looking for a versatile and powerful camera, the

Panasonic Lumix DC-FZ82DE-K is my top pick. Check out the Camera Page for a detailed overview

of its features, including 4K video recording and a 60x optical zoom, perfect for capturing distant scenes with clarity.

</p>

</section>

<section>

<h3>Why This Site Exists</h3>

<p>

Photography and videography have always been passions of mine. This site is dedicated to sharing tools and techniques

that elevate your creative work, whether you're producing professional content or exploring a new hobby.

</p>

</section>

</main>

<footer>

<p>© 2024 Shane's Products and Information</p>

</footer>

</body>

</html>

Gimball HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
  <title>Gimbal Stabiliser Product and Info</title>
  <link rel="stylesheet" href="stylesheet.css">
</head>
<body>
  <header>
    <h1>Gimbal Stabiliser Main Page</h1>
    <nav>
      <div class="nav-buttons">
        <button onclick="window.location.href='index.html'">Back To Home
Page</button>
      </div>
    </nav>
  </header>

  <p>This webpage was created to show a new product launch from my
company.</p>

  <main>
    <h2>Introduction</h2>
    <p><b>This web page was created to support the product as seen below</b></p>
  </main>

  <h3>Product Information:</h3>
```

<p>The product is a gimbal stabiliser to increase the stability of your video feed when recording footage for multiple purposes.</p>

- "Lightweight and easy to contain"
- "Multi-phone compatible and room for future upgrades"
- "Affordable and durable"

<h4>Please follow the link below for more information:</h4>

Gimbal Stabiliser Website

<h5>YouTube Video Link:</h5>

<iframe src="https://www.youtube.com/embed/vKNugPOvACk" title="Gimbal Stabiliser YT Video"></iframe>

<blockquote>

"Colors, like features, follow the changes of emotions" - Pablo Picasso

</blockquote>

<footer>

<p>© 2024 Shane's Products and Information</p>

```
</footer>
</body>
</html>
```

Camera page HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Panasonic Lumix DC-FZ82DE-K Product and Info</title>
<link rel="stylesheet" href="stylesheetcamera.css">
</head>
<body>
<header>
<h1>Panasonic Lumix DC-FZ82DE-K Main Page</h1>
<nav>
<div class="nav-buttons">
<button onclick="window.location.href='index.html'">Back To Home
Page</button>
</div>
</nav>
</header>

<p>This webpage was created to showcase a featured camera product I have
researched for my company.</p>

<main>
<h2>Introduction</h2>
<p><b>This camera has been thoroughly researched by myself to implement
into the company that I work for to improve</b></p>
```

</main>

<h3>Product Information:</h3>

<p>The Panasonic Lumix DC-FZ82DE-K is a versatile camera designed for photographers and videographers who want an all-in-one device for stunning results.</p>

"4K photo and video recording capabilities"

"Powerful 60x optical zoom for capturing distant subjects"

"Compact and user-friendly design"

<h4>Please follow the link below for more information:</h4>

Panasonic Lumix Amazon

<h5>YouTube Video Link:</h5>

<p>Please see the Video listed below for more information on this camera!</p>

<iframe src="https://www.youtube.com/embed/fC4i09tio-E" title="Panasonic Lumix DC-FZ82DE-K YT Video"></iframe>

<blockquote>

"Photography takes an instant out of time, altering life by holding it still." -
Dorothea Lange

</blockquote>

<footer>

<p>© 2024 Shane's Products and Information</p>

</footer>

</body>

</html>

About page HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
  <title>About Page</title>
  <link rel="stylesheet" href="about.css">
</head>
<body>
  <header>
    <h1>About Me</h1>
    <nav>
      <div class="nav-buttons">
        <button onclick="window.location.href='index.html'">Back To Home
Page</button>
      </div>
    </nav>
  </header>
```

<main>

<section>

<h2>Introduction</h2>

<p>Welcome to my photography product information website! My name is Shane, and I am currently in a stage of researching photography equipment. This has been a recent project that I have taken on, and based on my research, I have already helped friends and family improve their capture quality!</p>

</section>

<section>

<h3>About Me</h3>

<p>I've always been fascinated by the way a single photo or video can tell a story. I never took into account how much a device can vary and how that variance can change camera quality dramatically. Researching this field has been a major eye opener and I plan to continue my research going forward.</p>

</section>

<section>

<h3>Why I Started This Website</h3>

<p>The idea for this website came from a recommendation within my workspace. We have multiple sites across the world, and capturing stable, usable feed can be a challenge. I took this challenge on and decided to compile my findings into a website format!</p>

</section>

<section>

<h3>My Approach To This Project</h3>

<p>Due to my lack of supporting funds for the project to become a main focus, I cannot test much equipment. However, with the help of others and plenty of research, I have successfully found some useful tools as seen on the other pages of this website!</p>

</section>



<section>

<h3>What You Can Expect from This Website</h3>

<p>On this site, you can expect multiple different pieces of equipment to support photography and videography, with supporting links and images, along with brief information covering each device!</p>

</section>

</main>

<footer>

<p>© 2024 Shane's Products and Information</p>

</footer>

</body>

</html>

Contact page HTML:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Contact Information</title>

<link rel="stylesheet" href="contactstyle.css">

</head>

<body>

<header>

<h1>Contact Information</h1>

<nav>

<div class="nav-buttons">

`<button onclick="window.location.href='index.html'">Back to Home
Page</button>`

`</div>`

`</nav>`

`</header>`

`<main>`

`<h2>Contact Me</h2>`

`<p>If you have any questions or would like to get in touch, here's how you can
reach me:</p>`

`<section>`

`<h3>Email</h3>`

`<p>For inquiries, please email me at: 2413879@student.uwtsd.ac.uk</p>
>`

`</section>`

`<section>`

`<h3>Phone</h3>`

`<p>You can reach me by phone at: <strong>(+44) 123456789</strong></p>`

`</section>`

`<section>`

`<h3>Location</h3>`

`<p>I'm currently based in <strong>Swansea</strong>.</p>`

`</section>`

`</main>`

`<footer>`

```
<p>© 2024 Shane's Products and Information</p>
</footer>
</body>
</html>
```

CSS Code:

Index CSS:

```
{
  margin: 0;
  padding: 0;
}

html, body {
  height: 100%;
  margin: 0;
  padding: 0;
  font-family: Arial, sans-serif;
  color: #e6e6e6;
}

html {
  background: url('bghome.jfif') no-repeat center center fixed;
  background-size: cover;
}

body {
  display: flex;
```

```
    flex-direction: column;
}

header {
    background-color: #08448f;
    color: #f0f0f0;
    padding: 20px;
    text-align: center;
    border-bottom: 2px solid #1a73e8;
}

header h1 {
    font-size: 2.5em;
    font-weight: bold;
    margin-bottom: 20px;
}

nav ul {
    list-style-type: none;
    padding: 10px 0;
}

nav ul li {
    display: inline;
    margin: 0 15px;
}

nav ul li a {
    text-decoration: none;
```

```
    font-size: 1.2em;  
    color: #ffcc00;  
}
```

```
nav ul li a:visited {  
    color: #ff9966;  
}
```

```
nav ul li a:hover {  
    color: #66ff66;  
}
```

```
nav ul li a:active {  
    color: #33ccff;  
}
```

```
main {  
    flex: 1;  
    padding: 20px;  
}
```

```
h2 {  
    color: #1a73e8;  
    margin-top: 20px;  
    text-align: center;  
}
```

```
p {  
    color: #e6e6e6;
```

```
font-size: 1.2em;  
line-height: 1.6;  
display: block;  
margin: 20px 0;  
text-align: center;  
}
```

```
section {  
  margin-bottom: 20px;  
}
```

```
footer {  
  background-color: #222;  
  color: #cccccc;  
  padding: 20px;  
  text-align: center;  
  border-top: 2px solid #1a73e8;  
  margin-top: auto;  
}
```

```
a {  
  text-decoration: none;  
}
```

```
.nav-buttons {  
  display: flex;  
  justify-content: center;  
  gap: 15px;  
  margin: 20px 0;
```

```
}
```

```
.nav-buttons button {  
  background-color: #1a73e8;  
  color: #f0f0f0;  
  font-size: 1.2em;  
  border: none;  
  padding: 10px 20px;  
  border-radius: 5px;  
  cursor: pointer;  
  font-family: Arial, sans-serif;  
  transition: all 0.3s ease;  
}
```

```
.nav-buttons button:hover {  
  background-color: #08448f;  
  color: #ffcc00;  
}
```

```
.nav-buttons button:active {  
  background-color: #33ccff;  
  color: #ffffff;  
}
```

Gimball HTML:

```
body {  
  background: linear-gradient(to right, #ff7e00, #ff3a00);  
  font-family: Arial, sans-serif;
```

```
margin: 0;
padding: 0;
color: #333;
line-height: 1.6;
}
```

```
header {
  text-align: center;
  padding: 40px 0;
  background-color: rgba(0, 0, 0, 0.7);
}
```

```
header h1 {
  color: #fff;
  font-size: 2.5em;
  margin: 0;
}
```

```
nav ul {
  list-style-type: none;
  padding: 0;
  text-align: center;
}
```

```
nav ul li {
  display: inline;
  margin: 0 20px;
}
```

```
nav ul li a {  
    color: #fff;  
    text-decoration: none;  
    font-size: 1.2em;  
}
```

```
nav ul li a: hover {  
    color: #ff6700;  
}
```

```
p {  
    color: #f6ddcc;  
    font-size: 1.1em;  
    margin: 20px 0;  
}
```

```
main h2 {  
    font-size: 1.8em;  
    margin-bottom: 20px;  
}
```

```
h3 {  
    color: #a93226;  
    font-size: 1.6em;  
}
```

```
ul li {  
    font-size: 1.2em;  
    margin-bottom: 10px;
```

```
}
```

```
a {
```

```
  text-decoration: none;
```

```
  color: #1a73e8;
```

```
}
```

```
a:hover {
```

```
  color: #ff6700;
```

```
}
```

```
h5 {
```

```
  color: #ff0000;
```

```
  font-size: 1.4em;
```

```
}
```

```
blockquote {
```

```
  background-color: #f1c40f;
```

```
  color: #333;
```

```
  padding: 15px;
```

```
  margin: 20px 0;
```

```
  font-style: italic;
```

```
  border-left: 5px solid #e67e22;
```

```
}
```

```
footer {
```

```
  text-align: center;
```

```
  padding: 20px;
```

```
  background-color: #333;
```

```
        color: #fff;
    }

    footer p {
        font-size: 1em;
        margin: 0;
    }

    iframe {
        width: 100%;
        height: 400px;
        border: none;
        margin-top: 20px;
    }

    .nav-buttons {
        display: flex;
        justify-content: center;
        margin: 20px 0;
    }

    .nav-buttons button {
        background-color: rgba(0, 0, 0, 0.7);
        color: #fff;
        font-size: 1.2em;
        border: 2px solid #ff6700;
        padding: 10px 20px;
        border-radius: 5px;
        cursor: pointer;
        font-family: Arial, sans-serif;
    }
```

```
        transition: all 0.3s ease;
    }

    .nav-buttons button:hover {
        background-color: #ff6700;
        color: #fff;
        border-color: #a93226;
    }
```

```
.nav-buttons button:active {
    background-color: #a93226;
    color: #f1c40f;
    border-color: #f6ddcc;
}
```

Camera Page CSS:

```
body {
    background: linear-gradient(to right, #283c86, #45a247);
    font-family: 'Arial', sans-serif;
    margin: 0;
    padding: 0;
    color: #444;
    line-height: 1.6;
}
```

```
header {
    text-align: center;
    padding: 40px 0;
```

```
background-color: rgba(0, 0, 0, 0.85);  
}
```

```
header h1 {  
  color: #f0f0f0;  
  font-size: 2.5em;  
  margin: 0;  
}
```

```
.nav-buttons {  
  display: flex;  
  justify-content: center;  
  margin: 20px 0;  
}
```

```
.nav-buttons button {  
  background-color: #007acc;  
  color: #fff;  
  font-size: 1.2em;  
  border: 2px solid #00aaff;  
  padding: 10px 20px;  
  border-radius: 5px;  
  cursor: pointer;  
  font-family: Arial, sans-serif;  
  transition: all 0.3s ease;  
}
```

```
.nav-buttons button:hover {  
  background-color: #00aaff;
```

```
border-color: #007acc;  
}
```

```
.nav-buttons button:active {  
background-color: #005580;  
color: #f1c40f;  
border-color: #f6ddcc;  
}
```

```
nav ul {  
list-style-type: none;  
padding: 0;  
text-align: center;  
}
```

```
nav ul li {  
display: inline;  
margin: 0 20px;  
}
```

```
nav ul li a {  
color: #e0e0e0;  
text-decoration: none;  
font-size: 1.2em;  
}
```

```
nav ul li a:hover {  
color: #00aaff;  
}
```

```
p {  
  color: #eeeeee;  
  font-size: 1.1em;  
  margin: 20px 0;  
}
```

```
main h2 {  
  font-size: 1.8em;  
  color: #ffffff;  
  margin-bottom: 20px;  
}
```

```
h3 {  
  color: #007acc;  
  font-size: 1.6em;  
}
```

```
ul li {  
  font-size: 1.2em;  
  margin-bottom: 10px;  
  color: #cce6ff;  
}
```

```
a {  
  text-decoration: none;  
  color: #007acc;  
}
```

```
a:hover {  
  color: #00aaff;  
}
```

```
h5 {  
  color: #00cc99;  
  font-size: 1.4em;  
}
```

```
blockquote {  
  background-color: #e6f7ff;  
  color: #005580;  
  padding: 15px;  
  margin: 20px 0;  
  font-style: italic;  
  border-left: 5px solid #007acc;  
}
```

```
footer {  
  text-align: center;  
  padding: 20px;  
  background-color: #222;  
  color: #f0f0f0;  
}
```

```
footer p {  
  font-size: 1em;  
  margin: 0;  
}
```

```
iframe {  
  width: 100%;  
  height: 400px;  
  border: none;  
  margin-top: 20px;  
}
```

About Page CSS:

```
body {  
  background: linear-gradient(to right, #6a1b9a, #8e24aa);  
  font-family: Arial, sans-serif;  
  margin: 0;  
  padding: 0;  
  color: #333;  
  line-height: 1.6;  
}
```

```
header {  
  text-align: center;  
  padding: 40px 0;  
  background-color: rgba(0, 0, 0, 0.7);  
}
```

```
header h1 {  
  color: #fff;  
  font-size: 2.5em;
```

```
margin: 0;
}

.nav-buttons {
  display: flex;
  justify-content: center;
  margin: 20px 0;
}

.nav-buttons button {
  background-color: #7e57c2;
  color: #fff;
  font-size: 1.2em;
  border: 2px solid #d500f9;
  padding: 10px 20px;
  border-radius: 5px;
  cursor: pointer;
  font-family: Arial, sans-serif;
  transition: all 0.3s ease;
}

.nav-buttons button:hover {
  background-color: #d500f9;
  border-color: #7e57c2;
}

.nav-buttons button:active {
  background-color: #ab47bc;
  color: #fff;
```

```
border-color: #f48fb1;  
}
```

```
main h2, h3 {  
  color: #ab47bc;  
  margin-bottom: 20px;  
}
```

```
p {  
  color: #f0e5f6;  
  font-size: 1.1em;  
  margin: 20px 0;  
}
```

```
section {  
  margin-bottom: 30px;  
}
```

```
h3 {  
  font-size: 1.6em;  
}
```

```
a {  
  text-decoration: none;  
  color: #7e57c2;  
}
```

```
a:hover {  
  color: #d500f9;
```

```
}
```

```
blockquote {  
  background-color: #f48fb1;  
  color: #333;  
  padding: 15px;  
  margin: 20px 0;  
  font-style: italic;  
  border-left: 5px solid #f06292;  
}
```

```
footer {  
  text-align: center;  
  padding: 20px;  
  background-color: #333;  
  color: #fff;  
}
```

```
footer p {  
  font-size: 1em;  
  margin: 0;  
}
```

Contact Page CSS:

```
body {  
  background: linear-gradient(to right, #8d6e63, #c5e1a5);  
  font-family: Arial, sans-serif;  
  margin: 0;  
  padding: 0;
```

```
    color: #333;
    line-height: 1.6;
    display: flex;
    flex-direction: column;
    min-height: 100vh;
  }

  header {
    text-align: center;
    padding: 40px 0;
    background-color: rgba(0, 0, 0, 0.7);
  }

  header h1 {
    color: #fff;
    font-size: 2.5em;
    margin: 0;
  }

  .nav-buttons {
    display: flex;
    justify-content: center;
    margin: 20px 0;
  }

  .nav-buttons button {
    background-color: #6d4c41;
    color: #fff;
    font-size: 1.2em;
```

```
border: 2px solid #a5d6a7;
padding: 10px 20px;
border-radius: 5px;
cursor: pointer;
font-family: Arial, sans-serif;
transition: all 0.3s ease;
}
```

```
.nav-buttons button:hover {
  background-color: #a5d6a7;
  border-color: #6d4c41;
}
```

```
.nav-buttons button:active {
  background-color: #7b5e42;
  color: #fff;
  border-color: #ffb74d;
}
```

```
main {
  flex: 1;
}
```

```
main h2 {
  font-size: 1.8em;
  margin-bottom: 20px;
}
```

```
h3 {
```

```
    color: #7b5e42;
    font-size: 1.6em;
}
```

```
p {
    color: #d7ccc8;
    font-size: 1.1em;
    margin: 20px 0;
}
```

```
section {
    margin-bottom: 30px;
}
```

```
a {
    text-decoration: none;
    color: #6d4c41;
}
```

```
a:hover {
    color: #a5d6a7;
}
```

```
footer {
    background-color: #333;
    color: #fff;
    padding: 20px;
    text-align: center;
    font-size: 1em;
}
```

```
margin-top: auto;  
}
```

```
footer p {  
margin: 0;  
}
```

```
iframe {  
width: 100%;  
height: 400px;  
border: none;  
margin-top: 20px;  
}
```

HTML Assignment 2 (Shane Groves 2413879)

GRADEMARK REPORT

FINAL GRADE

GENERAL COMMENTS

59/100

PAGE 1

PAGE 2

PAGE 3

PAGE 4

PAGE 5



Comment 1

The site appears visually well-structured, with buttons and navigation features, but there is limited discussion on responsiveness or how the site adapts to different screen sizes and devices. More detail about responsive design techniques would have been better

PAGE 6

PAGE 7



Comment 2 | Cognitive and Intellectual

Validation results for the HTML and CSS are discussed briefly, stating that no errors were found. However, there is little explanation about the validation process itself or what potential errors could have been encountered. More detail about error handling or validation tools could have been better

PAGE 8



Comment 3 | Engagement with Literature

While these sections include key definitions and relevant examples, the research could have been improved by including more peer-reviewed sources. There are a few cited references, but the research into academic literature is limited. More discussion on specific usability studies and SEO implementation strategies could be beneficial for the given context.

PAGE 9

**Comment 4** | Cognitive and Intellectual

mentions performing a contrast checker test to ensure the site is accessible with screenshot

**Comment 5** | Knowledge and Understanding

discusses web standards, including validation and coding best practices, but without much detail on HTML5 and CSS3 compliance or any discussion of other relevant web standards like WCAG 2.1. Including more technical information about these standards and how web standards were applied would have been better

**Comment 6** | Transferable Skills

report is generally well-structured with clear sections and explanations. However, the Evaluation section could be expanded

**Comment 7** | Transferable Skills

IEEE format typically requires author names to be written in the following style: Initial. Last name

In IEEE style, titles of books and articles are usually capitalized for the first word and proper nouns only. For websites, the titles are written in quotation marks

Always include the access date for online resources

**Comment 8** | Engagement with Literature

While some references are included, only a few are peer-reviewed studies. Increasing the number of academic sources (e.g., journal articles or case studies) would have been better

**Comment 9** | Transferable Skills

References section could be improved by adhering strictly to the IEEE citation style.

**Comment 10** | Transferable Skills

Screenshots of the website and validation results is seen.

PAGE 15

PAGE 16

PAGE 17

PAGE 18

PAGE 19

PAGE 20



Comment 11 | Practical Application Skills

provides full code listings (pages 9-12), and the code appears well-structured, with mention of CSS frameworks to improve functionality of the website.

The site's usability is described in general terms in page 7, with emphasis on easy navigation and the use of buttons. While this is good, further analysis of testing usability could have been useful.

PAGE 21

PAGE 22

PAGE 23

PAGE 24

PAGE 25

PAGE 26

PAGE 27

PAGE 28

PAGE 29

PAGE 30

PAGE 31

PAGE 32

PAGE 33

PAGE 34

PAGE 35

PAGE 36

PAGE 37

GRADING FORM: IWD 1

SHANE GROVES

59

ENGAGEMENT WITH LITERATURE

Your research of website usability, accessibility, and search engine optimisation under the evaluation section. The use of appropriate reference sources to support your work. The correct use of the appropriate citation/referencing convention



10

KNOWLEDGE AND UNDERSTANDING

understanding of Web standards as demonstrated by the outcome.



10

COGNITIVE AND INTELLECTUAL

interpretation of your validation and web accessibility testing overall evaluation of implemented website.



10

PRACTICAL APPLICATION SKILLS

creativity, responsiveness HTML/CSS coding quality Usability & website functionality, content



20

TRANSFERABLE SKILLS

Written quality, including spelling and grammar and the use of appropriate formal language. Structure and presentation of the report. Inclusion of all the requested material – (listings in the appendices)



9