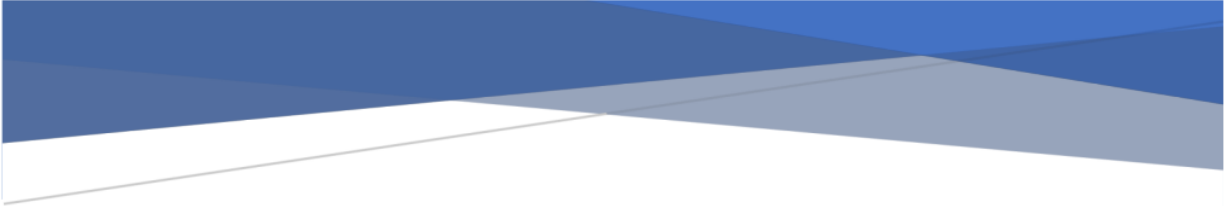


TaylorDawnHodges(2008862)_Database

by Taylor Dawn Hodges

FILE	23668_TAYLOR_DAWN_HODGES_TAYLORDAWNHODGES_2008862_DATAB ASE_348728_1163508252.DOCX (994.91K)		
TIME SUBMITTED	05-MAY-2021 12:42PM (UTC+0100)	WORD COUNT	468
SUBMISSION ID	151770809	CHARACTER COUNT	2733



Introduction to Web and Database Concepts (ACCA4023)

Database Analysis and Design

HND Computing (Software Engineering)

5th May 2021

Taylor Dawn Hodges
2008862

Diagrams

Figures

Contents

Diagrams

Context

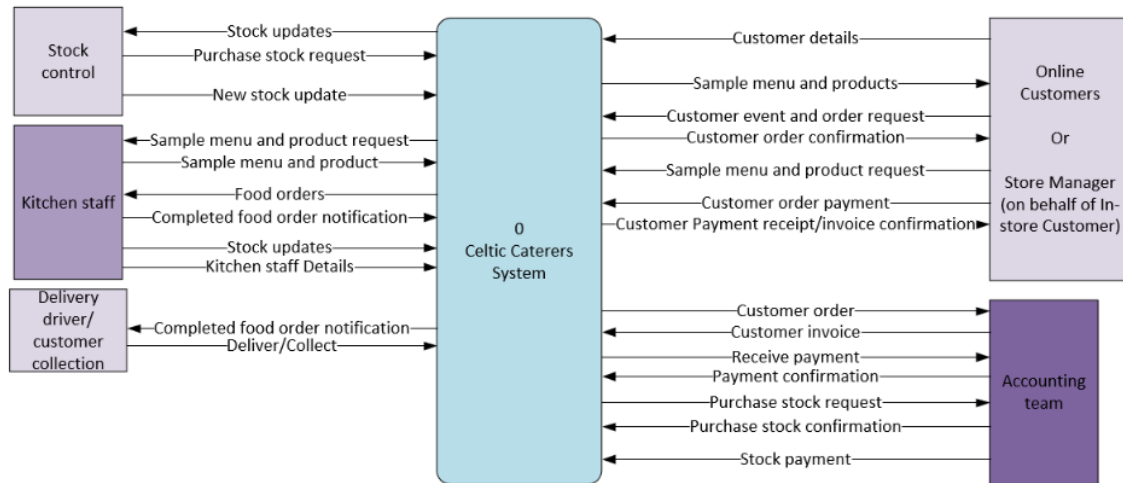


Diagram 1: Context.

Level 0

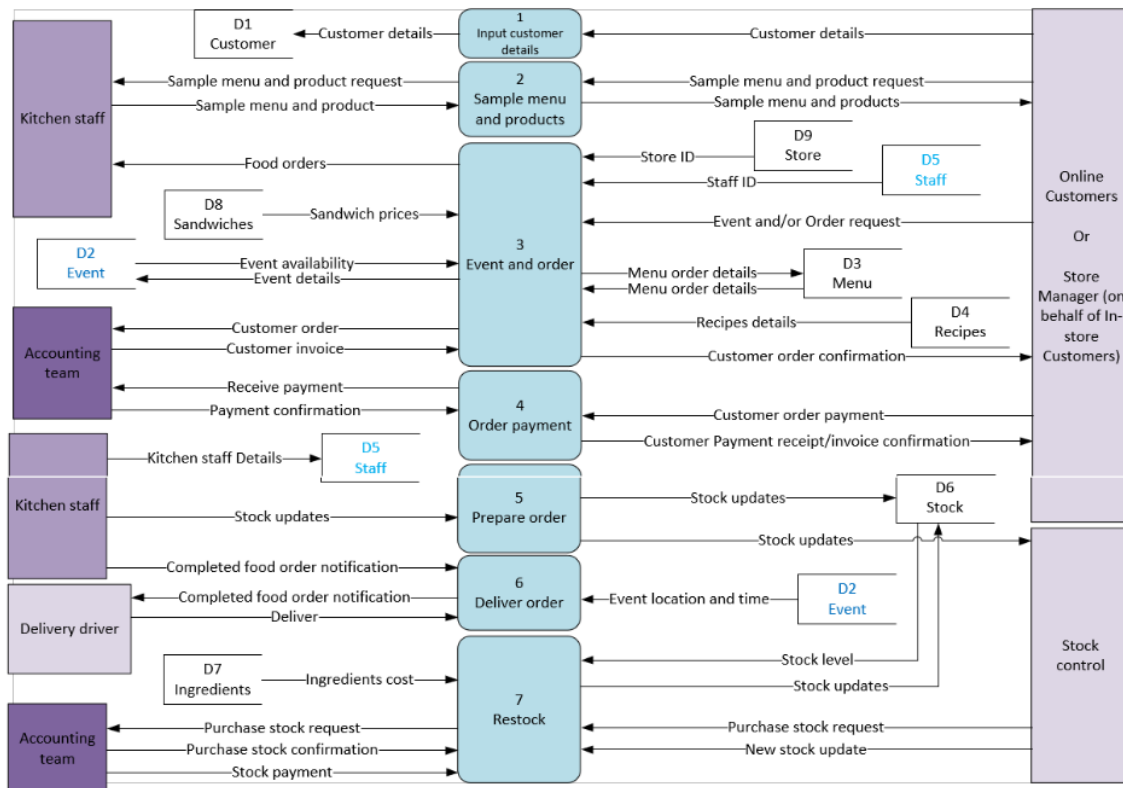


Diagram 2: Level 0.

ERD

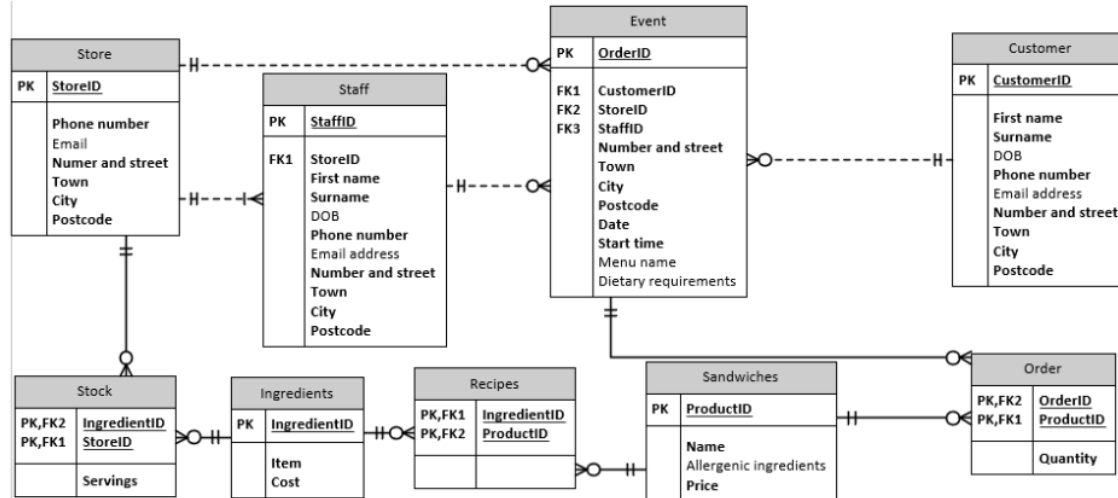
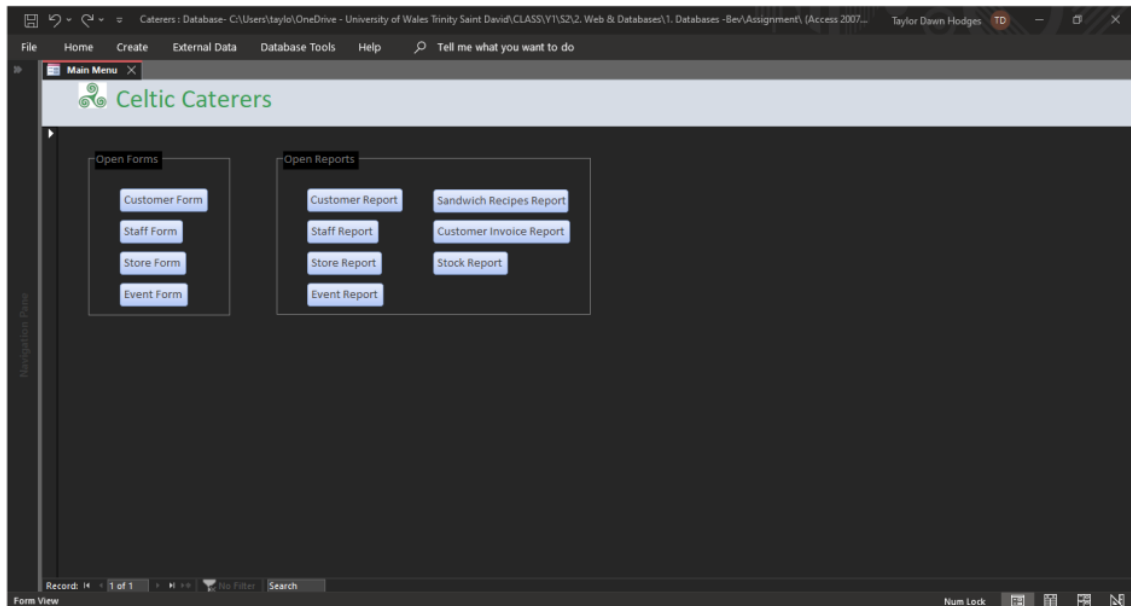


Diagram 3: ERD.

Access

Form

Main menu



Screenshot 1: Main menu, displayed immediately after the database is opened using an AutoExec. Buttons navigate user to various forms and reports.

Customer

Customer Form

CustomerID	1
First name	Elon
Surname	Musk
DOB	28/06/1971
Phone number	32134351312
Email address	
Number and street	3500 Deer Creek
Town	Cardiff
City	Cardiff
Postcode	CA12 4CA

Record: 1 of 7 | Form View

Screenshot 2: Customer form, complete with home, print, first record, previous record, next record, last record, new record, delete record, save record, and undo buttons.

Staff

Staff Form

StaffID	1
StoreID	1
First name	Callum
Surname	Hodges
DOB	18/10/2002
Phone number	01563546463
Email address	
Number and street	101 Ulys Glas
Town	Swansea
City	Swansea
Postcode	SA01 5AJ

Record: 1 of 5 | Form View

Screenshot 3: Staff form, with all buttons listed previously.

Store

Store Form

StoreID: 1
Phone number: 010106156
Email address:
Number and street: 5 Valmore road
Town: Swansea
City: Swansea
Postcode: SA01 5SN

Staff subform

StaffID	StoreID	First name	Surname	DOB
1	1	Callum	Hodges	18/10/2000
(New)	1			

Record: 1 of 1

Screenshot 4: Store form, featuring staff sub-form, with all buttons listed previously.

Event

Event Form

OrderID: 2
CustomerID: 5
StoreID: 1
StaffID: 1
Number and street: 115 Glas
Town: Swansea
City: Swansea
Postcode: SA01 5AJ
Date: 29/05/2021
Start time: 3:00 PM
Menu name: Pescitarian friendly
Dietary requirements: Pescitarian

Customer subform

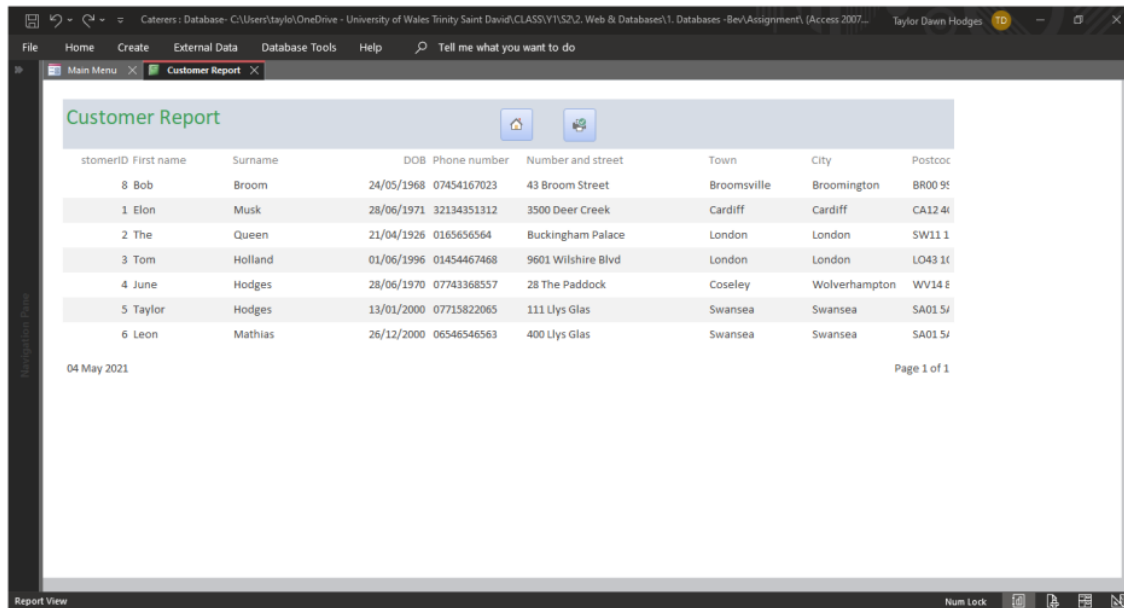
CustomerID	First name	Surname	DOB	Phone number
5	Taylor	Hodges	13/01/2000	07715822065
(New)				

Record: 1 of 1

Screenshot 5: Event form, featuring customer sub-form, with all buttons listed previously.

Reports

Customer



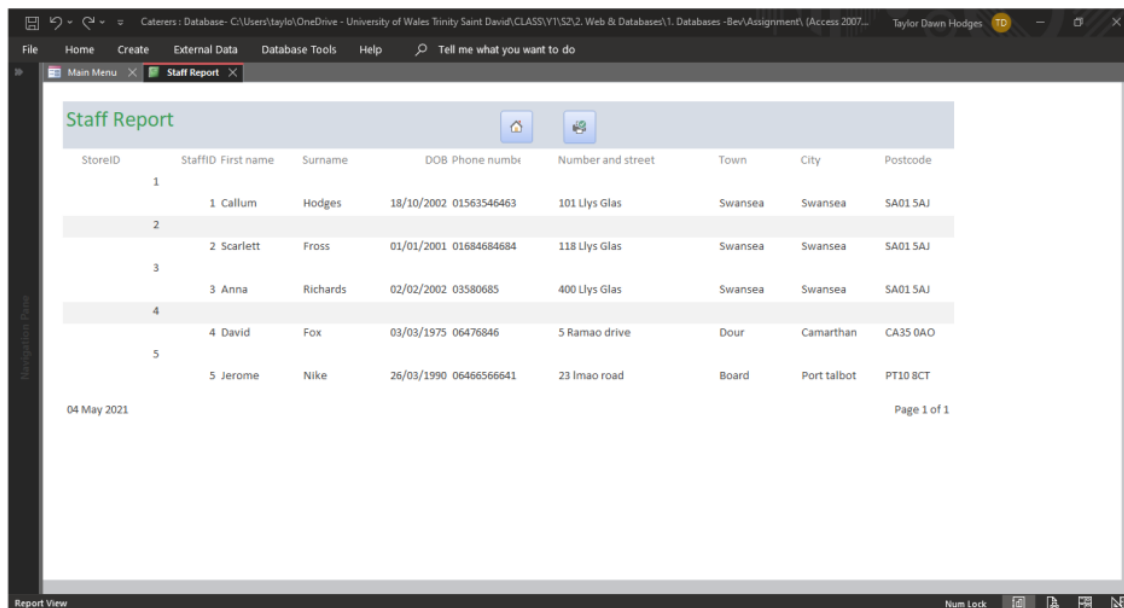
Customer Report

CustomerID	First name	Surname	DOB	Phone number	Number and street	Town	City	Postcode
8	Bob	Broom	24/05/1968	07454167023	43 Broom Street	Broomsville	Broomington	BR00 95
1	Elon	Musk	28/06/1971	32134351312	3500 Deer Creek	Cardiff	Cardiff	CA12 4L
2	The	Queen	21/04/1926	0165656564	Buckingham Palace	London	London	SW11 1
3	Tom	Holland	01/06/1996	01454467468	9601 Wilshire Blvd	London	London	LO43 1L
4	June	Hodges	28/06/1970	07743368557	28 The Paddock	Coseley	Wolverhampton	WV14 8
5	Taylor	Hodges	13/01/2000	07715822065	111 Llys Glas	Swansea	Swansea	SA01 5J
6	Leon	Mathias	26/12/2000	06546546563	400 Llys Glas	Swansea	Swansea	SA01 5J

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Screenshot 6: Customer report, with home and print buttons.

Staff



Staff Report

StoreID	StaffID	First name	Surname	DOB	Phone number	Number and street	Town	City	Postcode
1	1	Callum	Hodges	18/10/2002	01563546463	101 Llys Glas	Swansea	Swansea	SA01 5AJ
2	2	Scarlett	Fross	01/01/2001	01684684684	118 Llys Glas	Swansea	Swansea	SA01 5AJ
3	3	Anna	Richards	02/02/2002	03580685	400 Llys Glas	Swansea	Swansea	SA01 5AJ
4	4	David	Fox	03/03/1975	06476846	5 Ramao drive	Dour	Camarthan	CA35 0AO
5	5	Jerome	Nike	26/03/1990	06466566641	23 Imao road	Board	Port talbot	PT10 8CT

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Screenshot 7: Staff report, with all buttons listed previously.

Store

StoreID	Phone number	Number and street	Town	City	Postcode
1	010106156	5 Valmore road	Swansea	Swansea	SA01 5SN
2	064646464	23 rockland avenue	Ljansamlet	Neath	NE12 3TH
3	10354656635	1 Talbot road	Talbach	Port talbot	PT01 2TB
4	31354513032	7 high street	Burry port	Llanelli	LA11 6BP
5	0654165016	2 Tywi road	Johnstown	Carmarthen	CA02 5JT

Screenshot 8: Store report, with all buttons listed previously.

Event

CustomerID	OrderID	StoreID	StaffID	Number and street	Town	City	Postcode	Date	Start time	Menu name	Dietary requi
1	6	5	3	32 Skidmark close	Johnstown	Carmarthen	CA11 4U	24/08/2021	10:00 PM		
2	4	3	3	Buckingham palace	London	London	SW11 1A	01/01/2022	12:00 AM	New year, new	
3	5	4	4	4 James street	Llanelli	Carmarthenshir	SA15 1D	17/04/2021	3:00 PM	RIP DofE, send c	
4	7	1	1	Llys Glas	Swansea	Swansea	SA01 5A	13/01/2022	10:00 AM	HAPPY BIRTHDA	
5	2	1	1	Llys Glas	Swansea	Swansea	SA01 5A	29/05/2021	3:00 PM	Pescitarian frier	Pescitarian
6	3	2	2	UWTS Waterfront	Swansea	Swansea	SA01 8E	06/09/2021	12:00 PM	mEAT the class	

Screenshot 9: Event report, with all buttons listed previously.

Recipes

ProductID	Name	Allergenic ingredients	Price (per 10 sandwiches)	IngredientID	Item	Cost per 10 servings
CHCKN	Chicken		£5.00	CHCKN	Chicken	£0.50
CHCKN CHS	Chicken and cheese	Dairy	£7.00	BRD	Bread	£0.20
				BRD	Bread	£0.20
				CHS	Cheese	£0.50
CHCKN MAYO	Chicken Mayo	Eggs	£6.00	CHCKN	Chicken	£0.50
				MAYO	Mayonnaise	£0.05
				CHCKN	Chicken	£0.50
CHS	Cheese	Dairy	£5.00	BRD	Bread	£0.20
				CHS	Cheese	£0.50
				BRD	Bread	£0.20
HAM	Ham		£5.00	BRD	Bread	£0.20
HAM CHS	Ham and cheese	Dairy	£7.00	HAM	Ham	£0.50
				HAM	Ham	£0.50
				CHS	Cheese	£0.50

Screenshot 10: Sandwich recipes report, with all buttons listed previously.

Stock

IngredientID	StoreID	ings (packs of 10)	Item	Cost per 10 servings
BRD	3	60	Bread	£0.20
CHCKN	3	20	Chicken	£0.50
CHS	3	25	Cheese	£0.50
HAM	3	25	Ham	£0.50
JAM	3	5	Jam	£0.05
MAYO	3	20	Mayonnaise	£0.05
NUT	3	10	Nutella	£0.10
TUNA	3	40	Tuna	£0.30

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Screenshot 11: Stock report, with all buttons listed previously.

Invoice

FileHomeCreateExternal DataDatabase ToolsHelpTell me what you want to doMain MenuCustomer Invoice

Customer Invoice

Customer Number and streCustomer.TovCustomer.CityCustomer. iderID JaffID Event.Number and streetEvent.TownEvent.CityEvent.PosttStart timeMenu nameDietary requiProductIDQty NameAllergenicPriceTotal price

3TomHolland9601 Wilshire BlvdLondonLondonLO43 1DN544 James streetLlanelliCarmarthensrSA15 1DU3:00 PMRIP DofE, send of

CHCKN MAYO	5	Chicken Mayo	Eggs	£6.00	£30.00
TUNA CHS	5	Tuna and Cheese	Dairy	£7.00	£35.00
JAM	2	Jam		£5.00	£10.00
HAM CHS	5	Ham and cheese	Dairy	£7.00	£35.00
Grand Total					£110.00

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Navigation PaneReport View

Num Lock

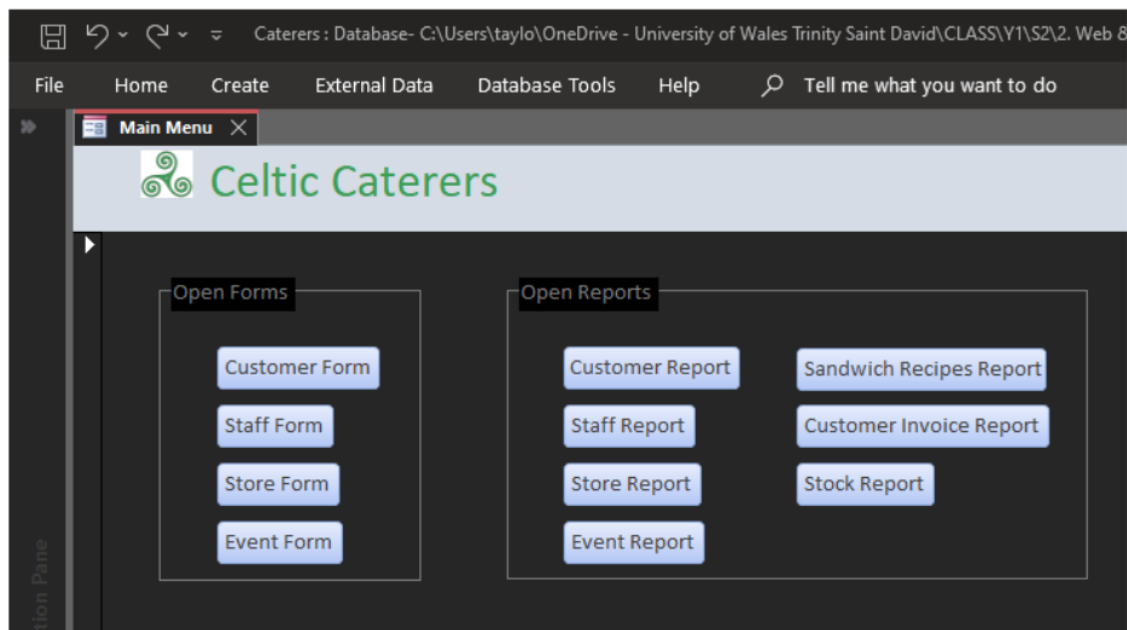
Screenshot 12: Customer invoice report, with all buttons listed previously. Report calculates customer's purchases.

User Guide

When the user opens the database, they will be presented with the main menu form using an AutoExec.

The buttons on the main menu take the user to the respective reports and forms:

- Customer form
- Staff form
- Store form
- Event form
- Customer report
- Staff report
- Store report
- Event report
- Sandwich recipes report
- Stock report
- Customer invoice report



Screenshot 13: Main menu, displayed immediately after the database is opened using an AutoExec. Buttons navigate user to various forms and reports.

From there, the user can click through the navigation buttons in the footer to navigate through forms, create new, delete, save, and undo forms, complete with appropriate icons.



Screenshot 14: Form footer with navigation, new, delete, save, and undo record buttons.

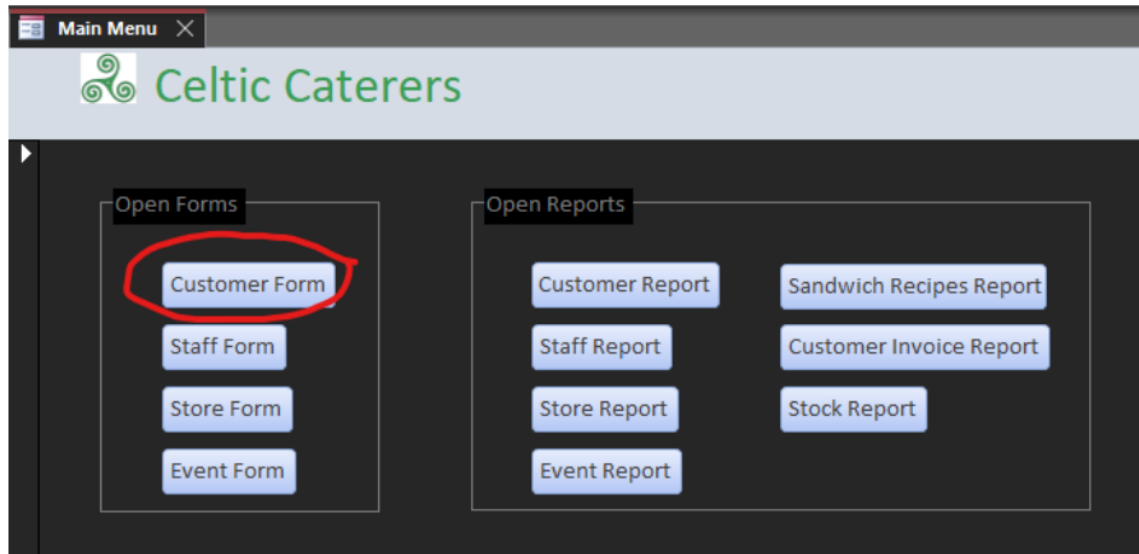
All forms and reports have a button in the header to print, created using a macro, as well as a home button to return to the main menu, complete with appropriate icons.



Screenshot 15: Home and print buttons on all forms and reports.

Walkthrough

How to create a new customer record.



Screenshot 16: To add a new customer, begin by clicking the "customer form" button.

Customer Form

CustomerID (New)

First name

Surname

DOB

Phone number

Email address

Number and street

Town

City

Postcode

Navigation buttons: Previous, First, Next, Last, New record, Delete, Save, Refresh

Screenshot 17: Click the "new record" button to open a new record.

Customer Form

CustomerID	9
First name	John
Surname	Smith
DOB	01/01/2000
Phone number	01234567890
Email address	john.smith@gmail.com
Number and street	1 Town Road
Town	Swansea
City	Swansea
Postcode	SA01 5AJ

Navigation buttons: Previous, Back, Forward, Next, Save, Cancel, Save (highlighted), Refresh

Screenshot 18: Enter customer details and click on the "save" button to save the new record.

Customer Form

CustomerID	9
First name	John
Surname	Smith
DOB	01/01/2000
Phone number	01234567890
Email address	john.smith@gmail.com
Number and street	1 Town Road
Town	Swansea
City	Swansea
Postcode	SA01 5AJ

Screenshot 19: Click the "home" button to return to the main menu.

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- [1] Leon Marsden, "Creating Forms and Sub-Forms in Access," YouTube, 24 April 2016. [Online]. Available: <https://www.youtube.com/watch?v=dWNeBJD7fH8>. [Accessed 4 May 2021].
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TaylorDawnHodges(2008862)_Database

GRADEMARK REPORT

FINAL GRADE

/100

GENERAL COMMENTS

Instructor

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