**URL’s**

GitHub: <https://github.com/EvanWard29/ISAD251-Coursework.git>

Hosted Website: <http://cent-5-534.uopnet.plymouth.ac.uk/ISAD251/erward/PubApplication/public/index.php>

API Middleware: <http://cent-5-534.uopnet.plymouth.ac.uk/ISAD251/erward/PubApplication/assets/api/products.php>

YouTube Video: <https://youtu.be/Op6Ynqd_0dM>

**Storyboard**

**A screenshot of a cell phone

Description automatically generatedAs a customer I wish to order a drink/snack.**

**As a customer I wish to see what I have ordered**

**As a customer I wish to add to my current order for a drink/snack.**

User selects type of product they wish to view.

A screenshot of a cell phone

Description automatically generated

User is taken to the page containing the type of products they selected. From here the user can add a product to their order basket. The user is able to add multiple items to their order.

A screenshot of a cell phone

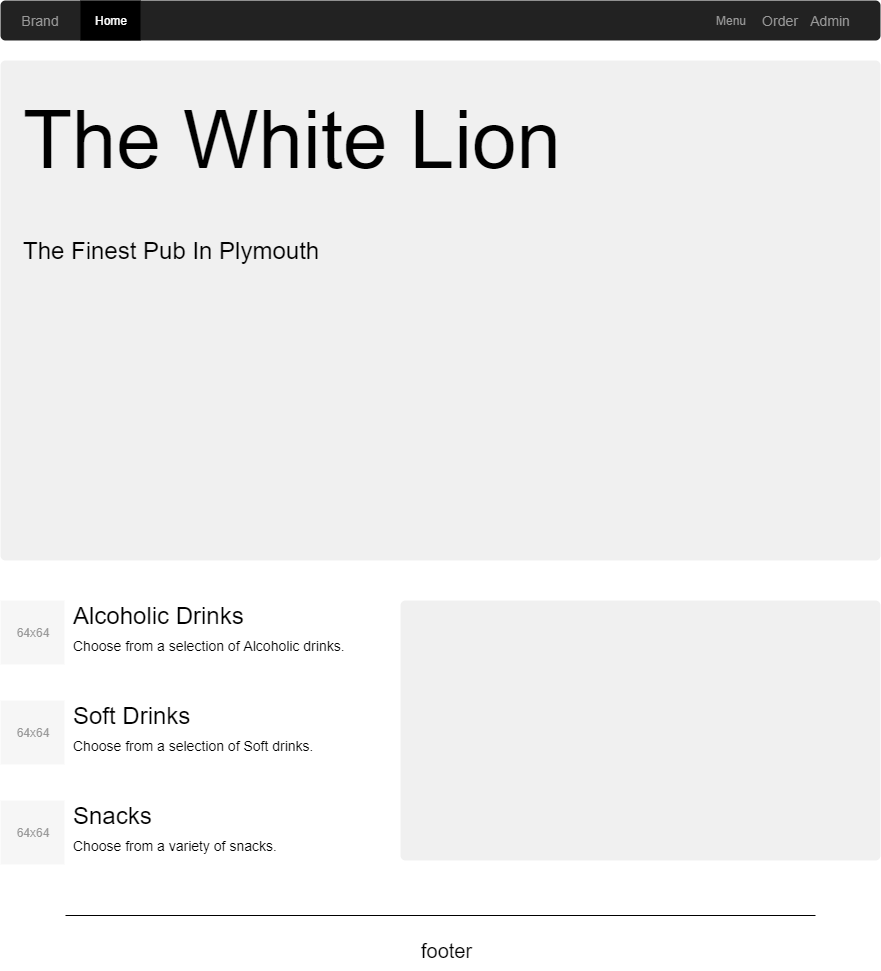
Description automatically generatedWhen ready to checkout, user can select order button in header and is redirected to this page where they are asked to enter their name and date of birth to checkout.

From hew the user can also see what they have ordered.

**As a customer I wish to cancel my order for a drink/snack.**

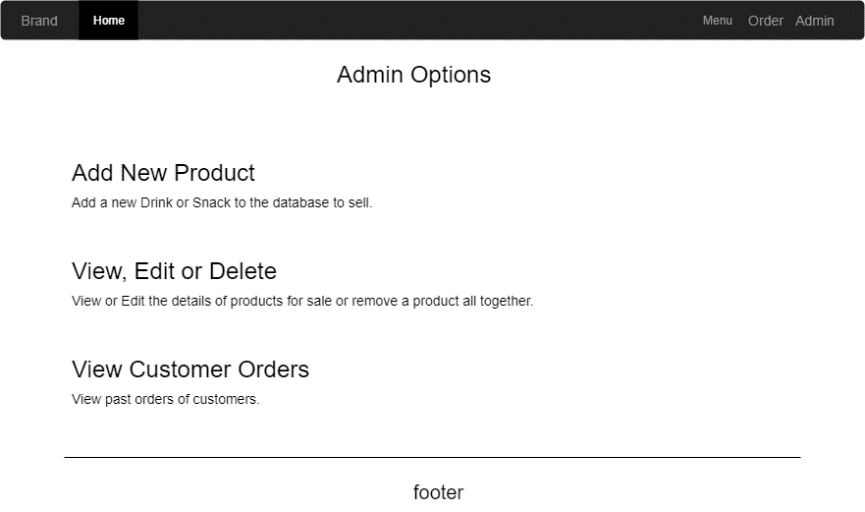
From here the user can press “Remove” to remove any items from their order.

**As the admin I wish to enter details of the drinks/snacks I have for sale.**

****User can click on Admin tab in the header to be taken to the admin page.

A screenshot of a cell phone

Description automatically generated

If user is not logged in, the user is asked to log into an admin account to access admin options.

When admin has logged in, they have access to admin functions. The admin stays logged in until the “logout” button is pressed in the header.

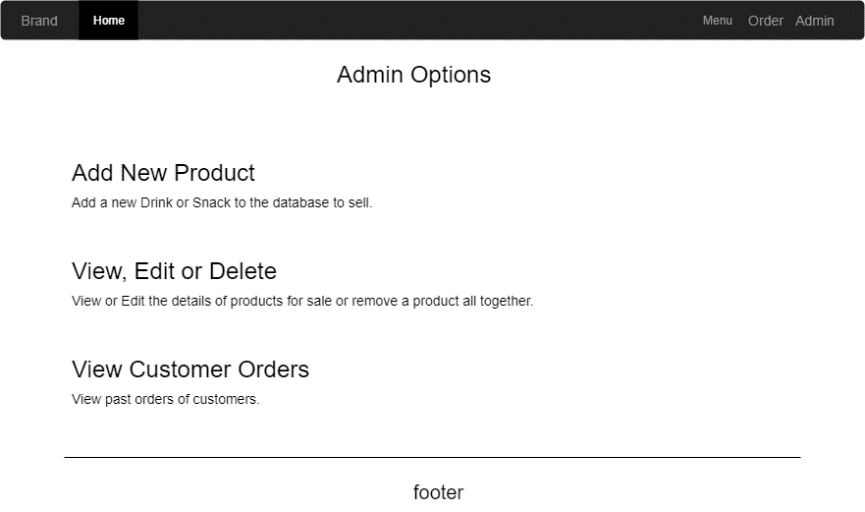
A screenshot of a cell phone

Description automatically generatedFrom here the admin can choose to add a new product for sale. The admin can enter its details and then save the product to the database.

**As the admin I wish to read the details of the drinks/snacks I have for sale.**

**As the admin I wish to edit the details of the drinks/snacks I have for sale.**

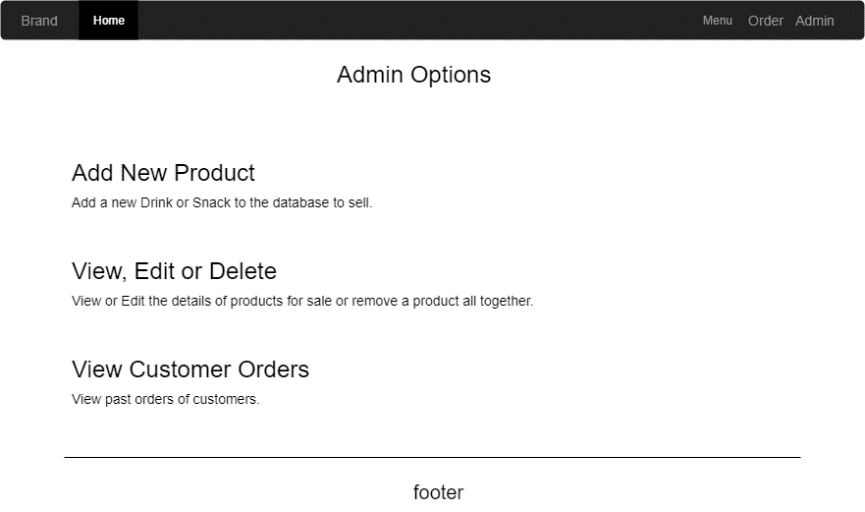
**As the admin I wish to withdraw a drink/snack from sale**

From the admin page, the user can choose to View, Edit or Delete product details.

A screenshot of a cell phone

Description automatically generated

Selecting this option will allow the admin to view products by type, then edit the Name, Description and Price of a product. Clicking the “Save” button will save the details entered in the textboxes to the database. Clicking the “Withdraw” button will remove the product from the database and from sale.



**As the admin I wish to view a customer’s order(s).**

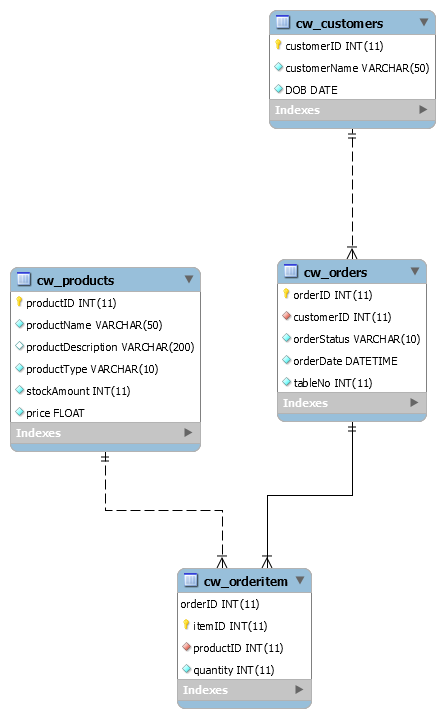
The admin will also have the option to view customer orders.

A screenshot of a social media post

Description automatically generated

This will allow the admin to enter the ‘customerID’ of a customer and view all past orders of this customer.

**Entity Relationship Diagram**



A screenshot of a cell phone

Description automatically generated**UML Diagram**

**Activity Diagrams**

A close up of a map

Description automatically generatedCustomer viewing Products available:

|  |  |
| --- | --- |
| **Operation Name** | getProducts |
| **Involved** **Tables** | CW\_Products |
| **Overview** | Get all Products stored in table by type. |
| **Pre**-**condition** | CW\_Products table has been created |
| **Post-condition** | All products are returned by product type given |
| **Input Parameters** | @ProductType |
| **Output Parameters** | \* |
| **Return Value** | ProductDetails |

A screenshot of a cell phone

Description automatically generatedCustomer adding item to Order and Ordering items:

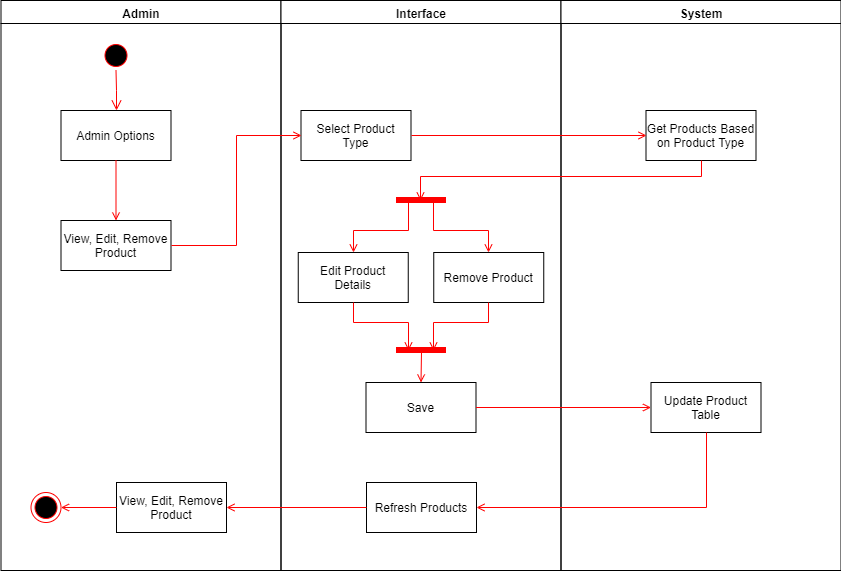
|  |  |
| --- | --- |
| **Operation Name** | addOrder, addOrderItem |
| **Involved** **Tables** | CW\_Orders, CW\_OrderItem, CW\_Customers |
| **Overview** | Add Order details to Order Table. Add Order Items to OrderItem Table. |
| **Pre**-**condition** | CW\_Products table has been created. CW\_Orders table has been created. CW\_OrderItem table has been created. CW\_Customers table has been created. CW\_Customer.customer exists. CW\_Products.product exists |
| **Post-condition** | New Order is added. Order Items are added. |
| **Input Parameters** | addOrder:  @CustomerID, @TableNo  addOrderItem:  @OrderID, @ItemID, @ProductID, @Quantity |
| **Output Parameters** | NONE |
| **Return Value** | NONE |

A screenshot of a cell phone

Description automatically generatedAdmin adding new Products:

|  |  |
| --- | --- |
| **Operation Name** | addProduct |
| **Involved** **Tables** | CW\_Products |
| **Overview** | Add New Product to CW\_Products Table |
| **Pre**-**condition** | CW\_Products table has been created. |
| **Post-condition** | New Product is Added to Table |
| **Input Parameters** | @ProductID, @ProductName, @ProductDescription, @ProductType, @Price |
| **Output Parameters** | NONE |
| **Return Value** | NONE |

Admin Viewing, Editing or Removing products:



|  |  |
| --- | --- |
| **Operation Name** | editProduct, removeProduct |
| **Involved** **Tables** | CW\_Products |
| **Overview** | View Product Details and Edit or Remove a Product |
| **Pre**-**condition** | CW\_Products table has been created. |
| **Post-condition** | CW\_Products table is updated accordingly |
| **Input Parameters** | editProduct  @ProductID, @ProductName, @ProductDescription, @Price  removeProduct  @ProductID |
| **Output Parameters** | NONE |
| **Return Value** | NONE |

**A close up of a piece of paper

Description automatically generated**Admin Viewing Customer Orders:

|  |  |
| --- | --- |
| **Operation Name** | getAllOrders, viewCustomerOrder |
| **Involved** **Tables** | CW\_Customers, CW\_Orders, CW\_OrderItem |
| **Overview** | View all customer orders or one specific customer’s orders |
| **Pre**-**condition** | CW\_Orders table has been created. CW\_OrderItem table has beem created. CW\_Customers table has been created. |
| **Post-condition** | Customer Orders are returned |
| **Input Parameters** | getAllOrders  NONE  viewCustomerOrders  @CustomerID |
| **Output Parameters** | Orders.\* & OrderItem.\* |
| **Return Value** | customerOrders |

**Peer Review**

Peer Review carried out by: Elliot Lea Date: 21/10/2019

Task conducted: Customer Ordering Drink/Snack

Was the task easy to carry out? (If no or not really, please say why)

Yes.

Did you encounter any errors? (If yes, please explain what)

No.

Did the author have to explain how to use anything? (If yes, what?)

No all was clear enough

Did you gain any inspiration for your own practice? (If so what?)

Yes. Using popups to confirm an order before paying/accepting an order.

What constructive advice would you give the author for presenting their work/code in future?

Everything was presented clearly and understandable.

**Images**

|  |  |
| --- | --- |
| **Image** | **URL** |
| **A dining room table  Description automatically generated** | [https://images.squarespace-cdn.com](https://images.squarespace-cdn.com/content/v1/56b4d344c2ea51ac0c663f64/1548351551372-J7A9CBEBDGKFT85GSFSE/ke17ZwdGBToddI8pDm48kFmfxoboNKufWj-55Bgmc-J7gQa3H78H3Y0txjaiv_0fDoOvxcdMmMKkDsyUqMSsMWxHk725yiiHCCLfrh8O1z4YTzHvnKhyp6Da-NYroOW3ZGjoBKy3azqku80C789l0iXS6XmVv7bUJ418E8Yoc1hjuviiiZmrL38w1ymUdqq4JaGeFUxjM-HeS7Oc-SSFcg/White_Lion_Stroud_Green.jpg?format=2500w) |
|  | [https://encrypted-tbn0.gstatic.com](https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSRsM5d0w3NX2LuDiuVdPH9_3L9cBcOGQZ95bxmQyAn1pQTpkMRrA&s) |
|  | [https://www.foodprocessing-technology.com](https://www.foodprocessing-technology.com/wp-content/uploads/sites/19/2017/10/1-kopparberg-cider.jpg) |
|  | [https://www.mexperience.com](https://www.mexperience.com/wp-content/uploads/Contemporary-Mexican-Beer-Brands-750x375.jpg) |
|  | [https://assets.punchdrink.com](https://assets.punchdrink.com/wp-content/uploads/2018/06/Article-Ultimate-Best-Gin-and-Tonic-Cocktail-Recipe.jpg) |
| **A bottle of wine  Description automatically generated** | [https://chilledmagazine.com](https://chilledmagazine.com/wp-content/uploads/2019/03/vodkas-for-martinis-feat-new-1500x793.jpg) |
| **A bottle of wine  Description automatically generated** | [https://beveragedynamics.com](https://beveragedynamics.com/wp-content/uploads/2017/12/pjimage.jpg?w=640) |
| **A bottle of wine  Description automatically generated** | [https://blogs-images.forbes.com](https://blogs-images.forbes.com/karlaalindahao/files/2017/12/Best-Whiskeys-1200x675.jpg) |
| **A close up of a bottle of wine  Description automatically generated** | [https://keyassets.timeincuk.net](https://keyassets.timeincuk.net/inspirewp/live/wp-content/uploads/sites/34/2018/10/Best-Asda-wines-2019-920x609.jpg) |
| **A bottle of wine  Description automatically generated** | [https://keyassets.timeincuk.net](https://keyassets.timeincuk.net/inspirewp/live/wp-content/uploads/sites/34/2017/12/Best-Champagnes-2018.jpg) |
| **A bottle of beer on a table  Description automatically generated** | [https://cdn-a.william-reed.com](https://cdn-a.william-reed.com/var/wrbm_gb_food_pharma/storage/images/publications/food-beverage-nutrition/foodmanufacture.co.uk/article/2018/07/26/britvic-carbonated-drinks-sales-fall-flat-after-co2-shortages/8438971-1-eng-GB/Britvic-carbonated-drinks-sales-fall-flat-after-CO2-shortages_wrbm_large.png) |
| **A close up of a bottle  Description automatically generated** | [https://media-assets-01.thedrum.com](https://media-assets-01.thedrum.com/cache/images/thedrum-prod/s3-news-tmp-10557-britvic_0--2x1--776.jpg) |
| **An empty bottle on a table  Description automatically generated** | [http://www.cocktailsandbars.com](http://www.cocktailsandbars.com/wp-content/uploads/2015/11/tonic-water-review-cocktailsandbars.jpg) |
| **A variety of flyers on a table  Description automatically generated** | [https://thehalallife.co.uk](https://thehalallife.co.uk/wp-content/uploads/2018/03/KPCrisps_Packaging.jpg) |
| **A close up of food  Description automatically generated** | [https://cdn.shopify.com](https://cdn.shopify.com/s/files/1/2346/5885/products/StemGingerBiscuits_2000x2000.JPG?v=1574624396) |
| **Food on a plate  Description automatically generated** | [https://spectator.imgix.net](https://spectator.imgix.net/content/uploads/2019/10/26Octreallife.jpg?auto=compress,enhance,format&crop=faces,entropy,edges&fit=crop&w=820&h=550) |
| **A close up of food  Description automatically generated** | [https://www.britishcornershop.co.uk](https://www.britishcornershop.co.uk/img/large/CC0020.jpg) |