CSIS 3280—004: Web Based Scripting

Final Project Documentation

- **DESCRIPTION:** -
  The name of the web application is **DELICIOUS BITES.** The web application open with an index page that shows the user to login or register accordingly.

  Once the user is loggedIn and the user is a **customer**, he/she can place a new order. He/She can view all their orders or can just log Out.

  When the user clicks on **Place an order** button, he will be taken to another page to select the food and can place an order. User can also review his orders by clicking **Review Orders** Button. If the user changes his mind, he can also cancel the order by clicking on **Cancel Order** button and will be taken to the main page by still being logged in.

  Once the user is loggedIn and the user is **admin**, admin login is already saved in the database. Admin can view the menu of the restaurant. He/She can perform all the CRUD operations on the list of items in the menu. Only admin has the previlege to view this page. Admin can add, read, edit or delete a new food item in the menu. Admin can also view all the orders of the customers by clicking on the link Orders. Eventually, admin can logout from this page also. But the admin has to loggedin as customer to check its own orders.

  Group description: I'm working alone on this project
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  The application has 4 entities:
  Customer, Food, Orders, OrderDetails

  Features:
  - CRUD on most of the entities using PDO.
  - Admin and customer privileges are clearly defined on each table.
  - Search is implemented for the customer to search their orders and on admin side to let admin search an order of a particular customer.
  - User will not be lost from their orders once he is logged in until and unless he is logged out.

  Installation Manual:

- Open Xampp Control panel and start Apache and MySQL. They should show the correct ports.
- Once the folder is opened and symbolic link of the folder is created in C:\xampp\htdocs, run the sql script on command prompt. Run mysql -u root and then, copy the script from the folder and run it.
- Check internet connection, open browser and run localhost
- If it opens the index page i.e., localhost/dashboard/. Its working well. Now, enter the name of your folder and it should show the index.php of the project.

Technical concepts:

- Each table/entity in the database have at least five columns
- The application support CRUD (Create, Read, Update and Delete) Items using PDO.
- The application has multiple HTML forms and pages
- The user can search and lookup for records from the database
- Statistics is performed.
- All inputs are validated.
- Users must be able to login; their credentials must be encrypted. The application uses sessions logging in and logging out.

Class diagram:
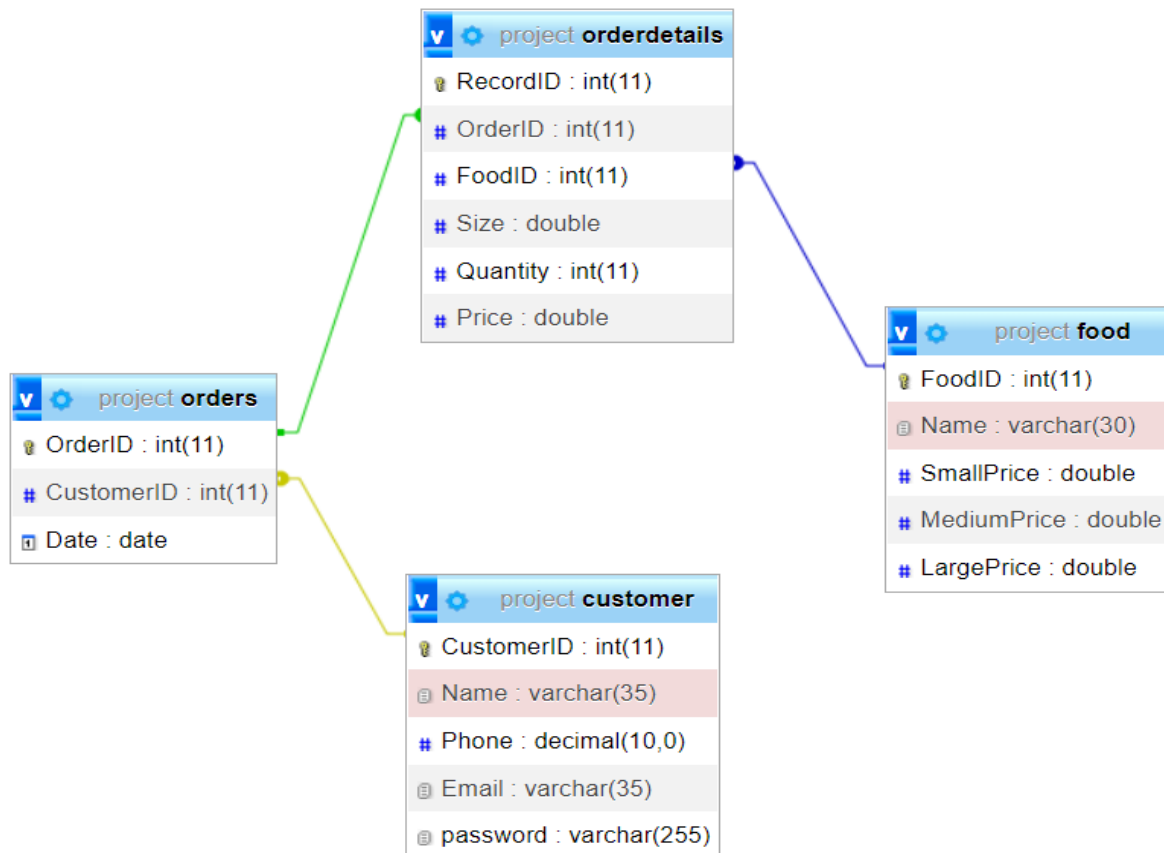
User Manuals:

Once the user is loggedIn and the user is a **customer**, he/she can place a new order. He/She can view all their orders or can just log Out.
Note: User needs a 7 digit number as a password to be logged in or to sign up

When the user clicks on **Place an order** button, he will be taken to another page to select the food and can add an item to the basket by clicking on the **Add item to Order**. User can also review his current orders by clicking **Review Orders** Button. If the user clicks on **Save Orders** button, his orders will be saved and he will be taken to the main page. If the user changes his mind, he can also cancel the order by clicking on **Cancel Order** button and will be taken to the main page by still being logged in.

Once the user is loggedIn and the user is **admin**, admin login as **chelsy@student.douglascollege.ca** and **12345** as the password (5 digit pass for admin) is already saved in the database. Admin can view the menu of the restaurant. He/She can perform all the CRUD operations on the list of items in the menu. Only admin has the previlege to view this page. Admin can add, read, edit or delete a new food item in the menu. Admin can also view all the orders of the customers by clicking on the link Orders. After clicking Orders link, admin can view all the orders from all the customers as total. He can even search the details of a perticular customer by enetring the customer ID in the search bar. Delete is not implemented on this table just to not the admin unnecessarily delete the orders of customer. Eventually, admin can logout from this page also. But the admin has to loggedin as customer to check its own orders.

References: I have been helped by

- stack overflow
- w3schools
- php documentation,
- brandiscrafts
- my Seniors
- others