**Online Menu Ordering**

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***General Purpose:*** Allow a user to register and login to a website and then order from a menu at a restaurant. After completing the order they can look at their previously made orders

***Main Sections:***

*Home Page:*

* For login in a user is going to supply a username and a password. These values will be checked against the stored values in the DB. If the credentials are correct they will be allowed to log in, else they will receive a message saying that their credentials are incorrect. Both fields are required and will be validated as such.
* If logged in, the user can select a logout button to logout. This button will be visible not only here but on all pages.
* The user, if logged in, can click links to go to either the Menu Page or the History Page. These are only visible if they are logged in.

*Menu Page:*

* This page will load a form that the user can fill out to make a menu order. Certain items such as prices, drinks, desserts, and meals available will be retrieved from the DB for the user to select via dropdown menu. Once the user selects what they want as a main course, drink, dessert, etc. they can also select quantities. The user will also need to supply a delivery address, phone number, name, and any additional instructions relating to the order. All of this will be properly validated and then stored in the DB.
* On this page the user will be given the option to either submit the order or Cancel the order. If they click Submit, they will be taken to the history page where they can view that order made or any previous orders. If they click the cancel button, they will be taken back to the Home Page and no order will be made.
* This Page requires the user to be logged in.

*History Page:*

* This page will only display a list of all orders that were made by him or her.
* It will display the ordered items, quantities, prices, address/phone number/comments added, as well as the date it was made. All of this will be retrieved from the DB.
* This page requires that the user is logged in.

*Registration Page:*

* For using this website, a new visitor can go here to create an account which would be required for creating a menu order.
* The user would need to supply a username and a password (they would re-enter the password a second time so the user is aware of their password). The username would be stored in plain text, the password would be stored as a hash in the DB.
* The user will either click Save to save these details to the DB or they can click Cancel to cancel this registration process.

***Database Tables and Columns:***

**Users Table:**

* Id
* Username
* Password
* First name
* Last name

**Drinks Table:**

* Id
* Description
* Price

**Meal Table:**

* Id
* Description
* Price

**Dessert Table:**

* Id
* Description
* Price

**Order Table:**

* Id
* User\_ID
* Address
* Phone Number
* Comments
* Name
* Total Price

**Items Ordered Table:**

* Id
* Drink\_Id
* Meal\_Id
* Dessert\_Id
* Order\_Id
* Quantity