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Project 4

Purpose and Intended Audience

This website is meant for people who are interested in learning about wine as well as purchasing it. It also advertises the three vineyards the company owns which people can tour. The intended audience will be individuals over the age of 21 due to the fact that this site sells alcoholic beverages. Each product page gives a detailed description on where the product was made, which vineyard, vintage year and much more. Individuals can use this information to narrow down their search for the perfect wine to try out. Furthermore, this site is selling more “new world” wines. Wines that are from the western hemisphere instead of the “old world” wines that are grown in countries such as France, Italy, Germany, and Spain.

User Actions and Capabilities

- **Home Page**

- On the home page, there is a section where there are products shown in order based on their ratings. This section is the top-rated wines, and it is all pulled from the database.
- The user can also sign up for our newsletter, see contact information, and find links to our social media pages at the bottom of the page.

- **Browse Page**

- The browse page lists all the wines on the database with the newest items displayed first. Therefore, if you were to make any changes through the “edit”

interface, the edited product will appear first on the browse page. The browse page organizes the products into boxes. Each box has a picture of the product, title, description and price.

- The user can also add an item to their cart. We use AJAX to post the item's information to the user's cart during their session. On the right side of the page, the user will see the items in their cart. We use AJAX to get the user's cart and display the items.

- **About Us**

- This page displays general information for the site.
- The About Us page is the only page without any admin actions when an admin logs in. This is because it is a simple page that just informs users about the company.

- **Find Locations**

- The user can put their zip code or address and see the vineyards nearby their location.
- We used the Google Maps API to display the map and find the vineyard locations. The map will show locations within a five-mile radius of the given zip code or address.

- **Detailed Product Page**

- The view product page is loaded with database data. For example, the rating, price, and volumes. The reviews are static, but can easily be integrated to be pulled from the database. Also, as mentioned below, when the administrator logs in they will see the operational edit and delete buttons.

- **Administrator**

- When the administrator of the website logs in, the website reveals all the admin privileged options. These options are in every page besides the about us, as mentioned above. The admin is a user with ID 1, in the user table of the SQL database. The credentials currently are Username: root, Password: admin.
- Everywhere a product is seen after the admin logs in, they have two additional options. They have the ability to edit and delete products from the webpage (and subsequently, the database). Also, they can add an item to the site and database
- The delete button requires a confirmation through a pop up window for it to go through.
- The edit button causes a redirection to another page where the forms with information show. The forms are completed with information currently on the database.
- The add page is exactly like the edit page except the forms are not filled in and are left empty for the admin to fill out.

Above and Beyond

- **Search**

- We decided to use the Google Custom Search API in addition to the Google Maps API.
- On the search page, the user can do a Google search for a product or other relevant information.
- We used the Google Custom Search API to perform the search and display its results.

- **Clear Cart**

- We used AJAX to additionally clear the dynamically remove all of the items a user added to their cart on the Browse page.

Setup Instructions

- **Setup on Local Machine**

- Log into PHPMyAdmin and create a new database called “bottleup”. Import “bottleup.sql” to the bottleup database.
- The project folder needs to be placed within the htdocs directory inside of the XAMPP folder.
- The site can be accessed by navigating to

<http://localhost/GUIProject4/cs3744/project4/poppinbottles/> in the browser.

- **Site URL:** [http://ec2-54-167-97-136.compute-](http://ec2-54-167-97-136.compute-1.amazonaws.com/GUIProject4/cs3744/project4/poppinbottles/)

[1.amazonaws.com/GUIProject4/cs3744/project4/poppinbottles/](http://ec2-54-167-97-136.compute-1.amazonaws.com/GUIProject4/cs3744/project4/poppinbottles/)