

## **Criterion E: Evaluation**

My client has given feedback via email, the transcript of which can be found in the Appendix document.

### **Evaluation of success criteria**

- Easily input new incoming orders as well as edit existing orders to/from a database, allowing each to indicate if it is paid for, ready to be shipped and its overall status, whether the order is ongoing or completed
  - The objective has been met. The Edit Orders page allows the user to modify and add new orders to/from a database with the use of interactive tools.
- Filter orders based on these features as well as the customer's name to narrow down the search for a particular order
  - The objective has been met. The View Orders page allows the user to use checkboxes and a dropdown list to filter orders.
- Sort orders based on their dates to be shipped to allow the user to view orders in accordance to their urgency
  - The objective has been met. The View Orders page allows the user to sort all filtered or unfiltered orders in ascending order of the Date\_to\_be\_shipped attribute.
- Easily input and edit customer information to/from a database
  - The objective has been met. The Edit Customer Information page allows the user to modify and add new customer records to/from a database using separate textboxes for each attribute.
- Filter customers based on their names
  - The objective has been met. The View Customer Information page allows the user to filter customer records based off the starting letters of the customer's name.

- Easily input and edit products as well as calculate their cost from ingredients required
  - The objective has been met. The Edit Products page allows the user to modify and add new products to/from a database with the use of interactive tools. Additionally, it also displays the ingredients required for the product along with the sum of their costs.
- Easily input and edit ingredients
  - The objective has been met. The Edit Ingredients page allows the user to modify and add new ingredients to/from a database with the use of interactive tools.
- Generate daily, monthly, yearly and all-time reports which include:
  - Listing out top five customers
  - Listing out top five selling products
  - Calculating total revenue, cost and profit
  - The objective has been met. Separate Report pages display the top five customers sorted by the total price of all their orders and top five products sorted by amount sold, filtered by a specific time frame. All pages also display the revenue by taking the total price of all orders, cost by taking the total cost of all products in the orders, and profit by taking their difference.
- A login page for security purposes
  - The objective has been met. The application will start with a Login page in which the user is required to enter a username and password that is matched with the pre-designated credentials in the database before granting access to other pages.
- A main home page for easy navigation
  - The objective has been met. After being authenticated, the user is redirected to the Home page which consists of multiple buttons leading to other pages of the application, each labeled appropriately.
- A simple easy-to-use user interface
  - The objective has been met. Every page is given an appropriate title and includes a label before each tool indicating its functionality.

- A consistent design all throughout the application
  - o The objective has been met. In every page, most buttons are set to the same size, the same fonts are used for labels and all pages are centered.
- Separate pages for reports, editing orders, customer information, products, ingredients as well as viewing customer information and orders
  - o The objective has been met. Separate pages are created and divided strategically according to their respective functionalities.
- Minimize data entry to avoid human error with the use of dropdown lists, checkboxes, etc.
  - o The objective has been met. Interactive tools have been utilized all throughout the pages where appropriate in place of regular textboxes.

**Word Count:** 443 words

### **Recommendations for future development**

Though for the most part satisfied, my client has suggested several improvements that can be added in future updates to the product.

- Automatic calculation of ingredients required for an order or multiple orders
  - o This will allow the user to know how many of each ingredient to purchase for pending orders without having to manually calculate them, which will save time and minimize human errors.
- Different levels of access when logging in with different usernames
  - o In case the business grows in the future, requiring other employees to be users of the system other than the client, having different levels of access for each employee may be useful to ensure the security of information. For example, only the client may edit customer records and other employees are only granted access to view them.

- Listing of unpopular products for reports
  - In addition to popular products, listing down unpopular products may help the client to analyze trends in sales, which may aid in decision-making for the business, for instance whether or not the client should remove a particular product that is not doing well in sales.
- More colorful, aesthetically pleasing pages
  - Instead of a greyscale color palette, having more vibrant pages may allow users to be more productive and feel more energized. In addition to that, colors may also help in visual associations which may speed up data inputting and reading, having certain elements be recognizable by their distinct color.

**Word Count:** 222 words