<u>General</u>
- System uses a GUI based application that navigates between several pages
- System uses mouse and keyboard for input
- GUI allows for log out and quit functionality across all pages
- Employees and Managers are given a similar, but different GUI and functionalities
- Buttons towards the top of the page once logged in allow for navigation to other pages

<u>Login Page</u>
- GUI allows for input of username and password
- GUI displays "Invalid Credentials" for invalid username and password combination
- After the user presses Enter or clicks the "login" button with a successful username and password combination, the system will log in and display the Inventory Page

<u>Inventory Page</u> (*Same for both Managers and Employees*)
- A list of the entire inventory of products and their information is displayed
- The inventory can be sorted by name, price, or stock/quantity
- A search bar can be used to find specific items, updating the search results in the inventory list as the user types
- By selecting an item in the list one can do the following:
    - View item details
    - Add item to cart
- A "cart" area is displayed and the can do the following:
    - remove an item from the cart
    - completely clear the cart
    - checkout the current cart
- After the user checks out the cart, a receipt page is displayed
    - If the checkout fails due to insufficient quantity or an empty cart the user is shown a prompt that the checkout failed

<u>Account Management Page</u> (*Manager version*)
- A list of all employee accounts is displayed
- User can change the username and password of any employee on the list
- User can create new employee accounts, which are added to the list
- User can delete employee accounts from the list
- The user's own first name, last name, username, and Manager ID are displayed

<u>Account Management Page</u> (*Employee version*)
- The user's own first name, last name, username, and Employee ID are displayed

<u>Sales Data Page</u> (*Manager Only*)
- A list of the entire inventory of products is displayed, with the same sort and search functionality as shown in the Inventory Page
- The user can prepare a sales report by clicking:

- One item from the list OR the "Summary Data Report" box to report on all items
- One month of the current year OR the "Entire History" box
- Then, when "Get Data" is clicked:
    - Details of each sale (cart checkout) of the selected item in the selected time period are shown in the table on the right side of the window
        - Date the sale occurred
        - Quantity of the item sold in that checkout
        - The dollar value of the sale at that time
        - A sale ID associated with that sale
    - Below the table, the total sales value and quantity sold of the selected item for the selected time period is displayed

Modify Inventory Page (*Manager Only*)
- User can select an item and remove it from the inventory
- User can select an item and click update
    - When user clicks update, each text field will be populated with the item data
    - Each field can be edited
    - User can save the edits that are made
- User can select new item to create a new item
    - User can fill in all the fields
    - User can save the new item to the inventory
- A list of all the items that are under their threshold limit