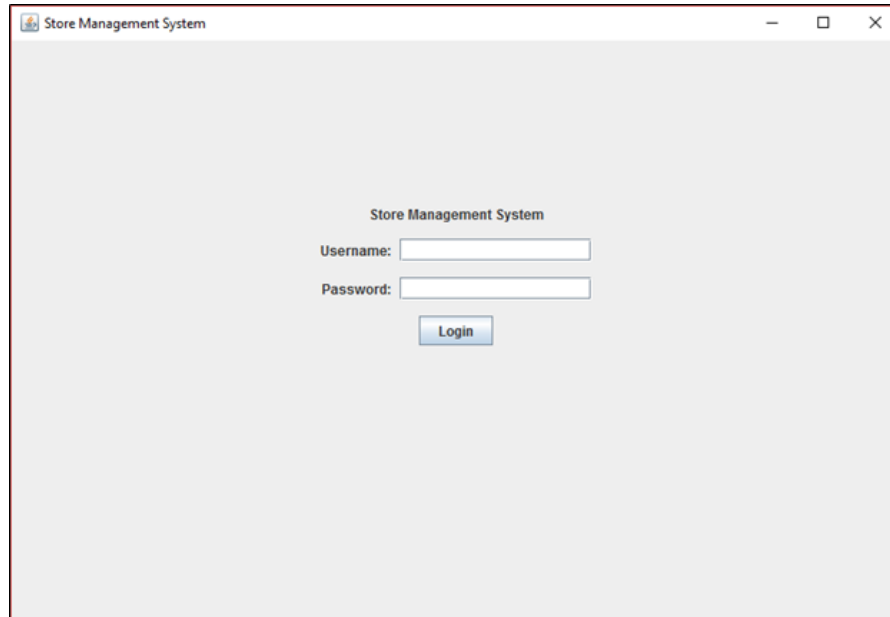


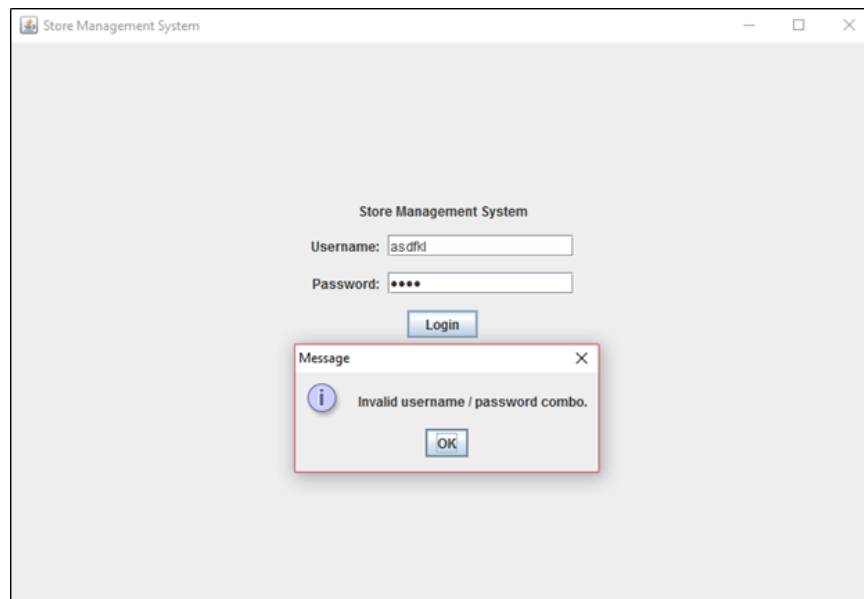
User Interface Design for CS3450 Project, Iteration 2:  
Sam Christiansen  
Brad Jorgensen

1. Login Screen:



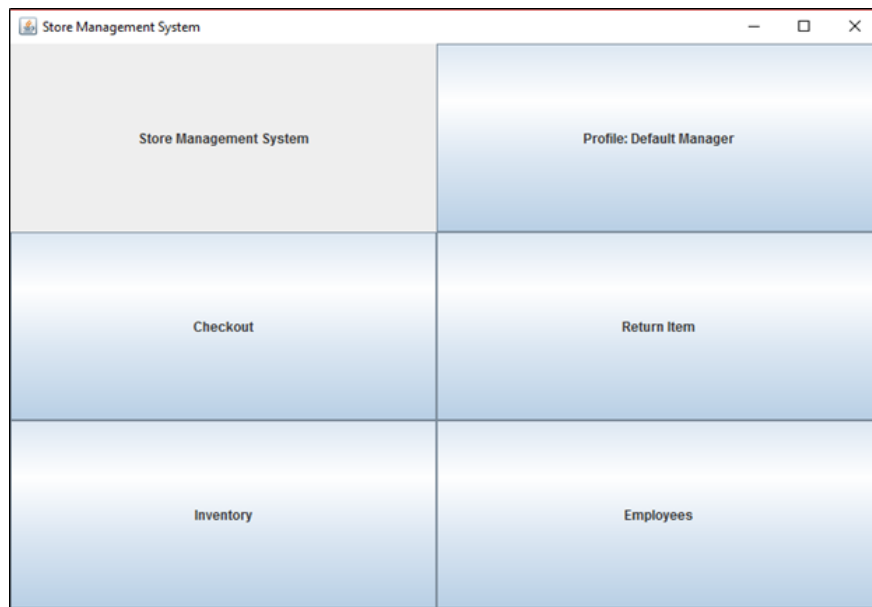
A screenshot of a Java Swing window titled "Store Management System". The window has a light gray background. In the center, there is a login form. At the top of the form is the text "Store Management System". Below it are two text input fields: "Username:" followed by a text box, and "Password:" followed by a text box. Below the password field is a blue "Login" button.

- Has a textfield for the user's username
- Has a textfield for the user's password
- Has a login button
- If incorrect login info is given, a message is shown as seen here:

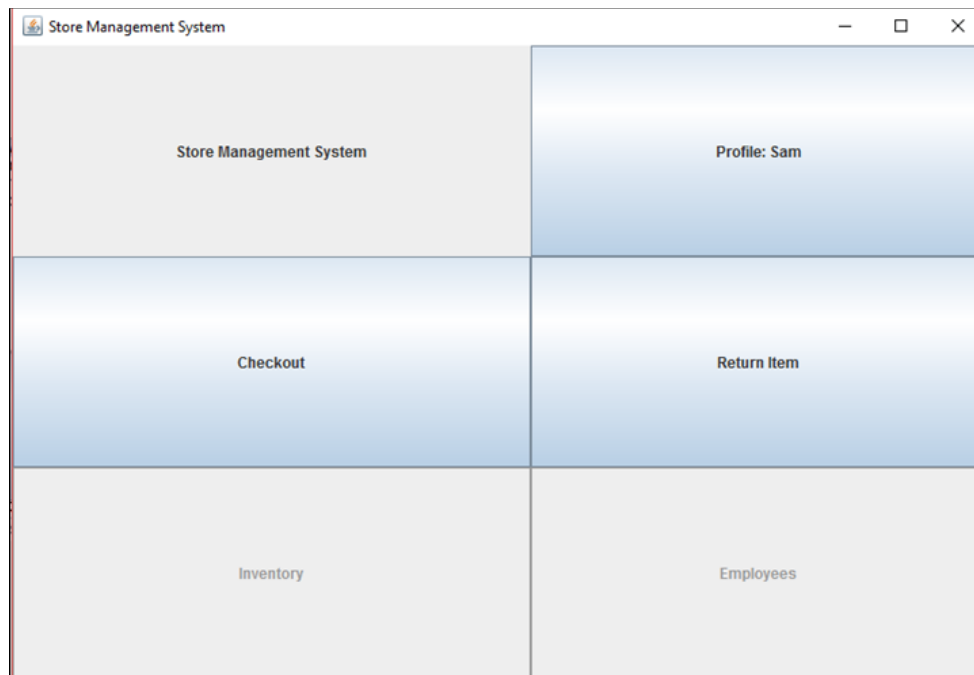


A screenshot of the same "Store Management System" window. The "Username:" field now contains the text "asdfd" and the "Password:" field contains four asterisks "\*\*\*\*". The "Login" button is still present. A small "Message" dialog box is overlaid on the main window. The dialog box has a title bar "Message" and a close button "X". It contains an information icon (i) and the text "Invalid username / password combo." Below the message is an "OK" button.

## 2. Main Screen:



- Has 5 buttons, each of which takes the user to its corresponding screen
- The current user's name is next to the title in the Profile button
- If the current user doesn't have access to certain features, those buttons are disabled, such as the following screen for a Customer Support Employee:



3. Profile Screen:

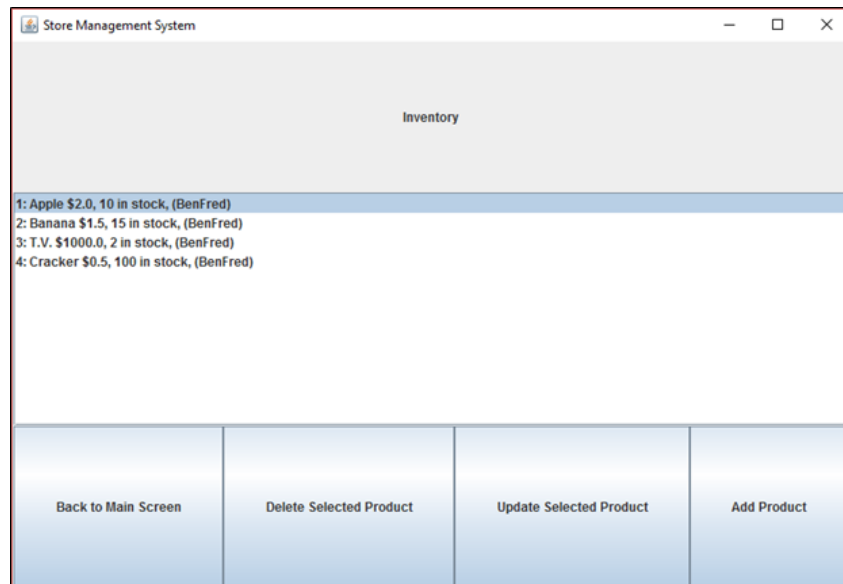
The screenshot shows a window titled "Store Management System" with a light gray background. In the center, the word "Profile" is displayed. Below it, the text "Id: 1" is shown. Further down, the following information is listed: "Name: Default Manager", "Username: manager", "Password: \*\*\*\*\*", and "Position: Manager". At the bottom of the window, there are three blue buttons with white text: "Update Username and Password", "Back to Main Screen", and "Logout".

- Every user has access to this screen
- Has the information of the current user shown (password is hidden)
- Has a button to update the user's username and password, which pops up the following prompt:

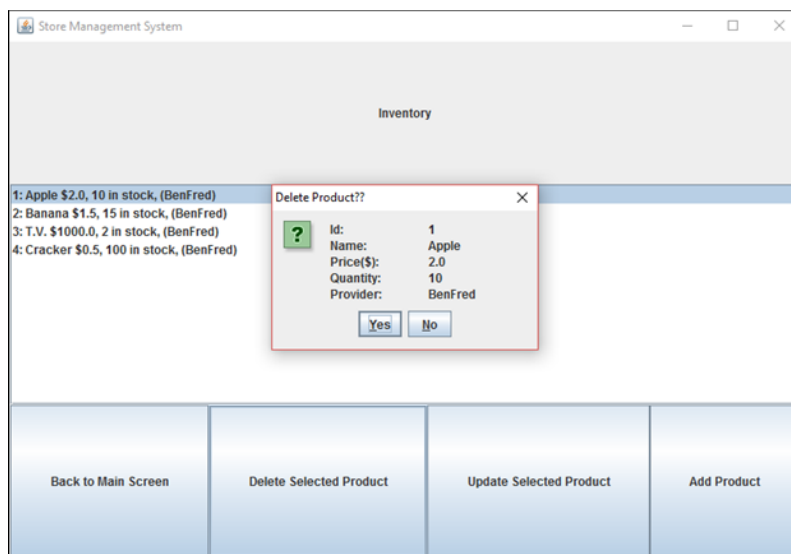
This screenshot shows the same "Store Management System" window as before, but with a small dialog box titled "Update Info:" open in the center. The dialog box has a green question mark icon on the left. It contains two input fields: "Username:" with the text "manager" and "Password:" which is empty. At the bottom of the dialog box are two buttons: "OK" and "Cancel". The background window shows the "Profile" information and the three main buttons at the bottom.

- Has a button to return the user to the Main Screen
- Has a button to logout, which logs the current user out and takes the user to the Login Screen.

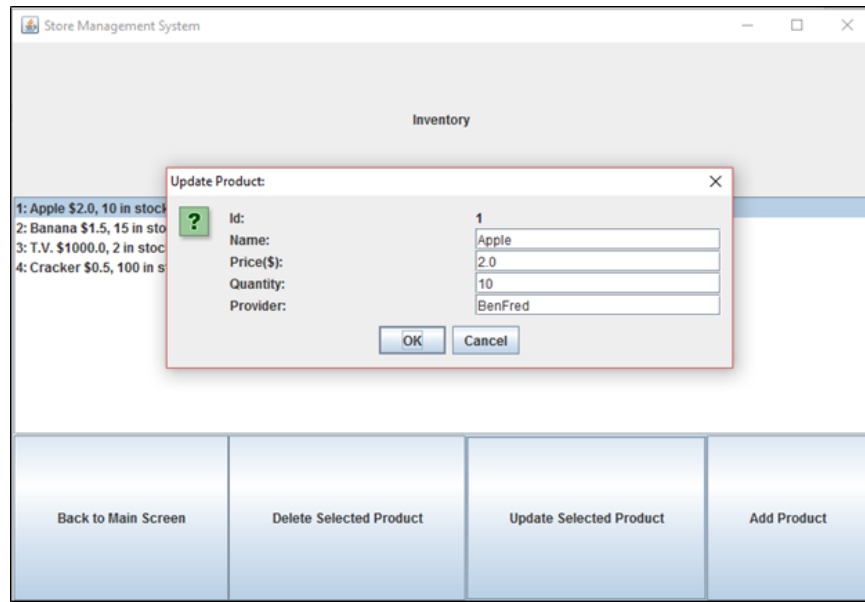
#### 4. Inventory Screen:



- Only a Manager has access to this screen.
- Has the complete list of products in the Store's inventory. Each product is selectable. After selecting a product, the user can click on the "Delete Selected Product" or "Update Selected Product".
- The "Delete Selected Product" causes the following prompt to appear. Clicking yes will delete the product from the database.

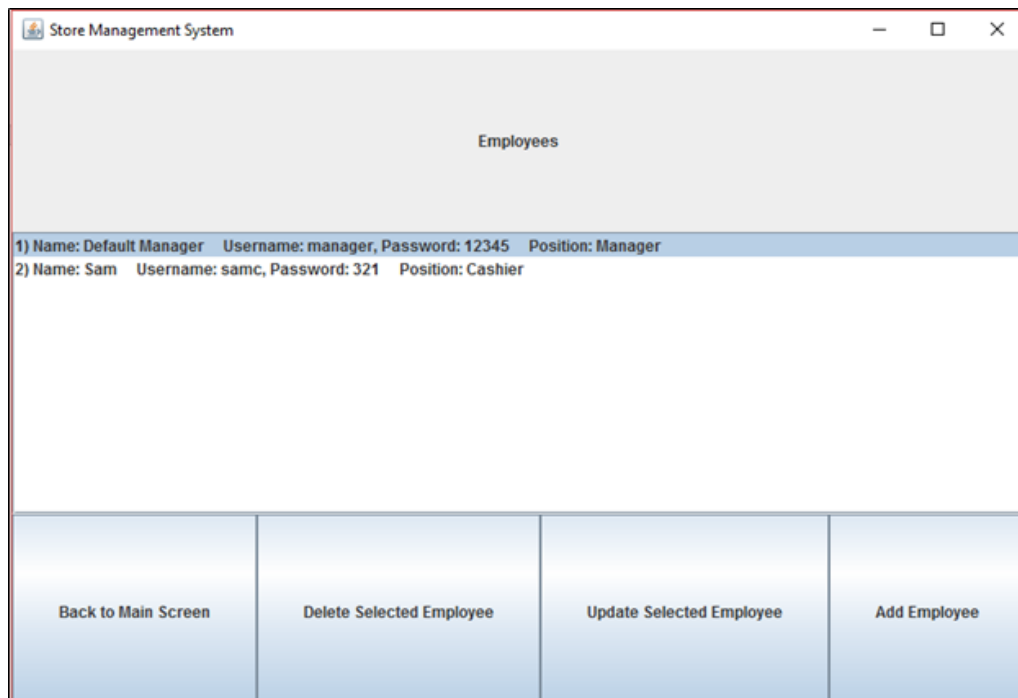


- The "Update Selected Product" button causes the following prompt to appear, in which the user can update each of the values:



- Selecting the “Add Product” button causes a similar prompt to appear, in which the manager can provide the entries for the new product.
- The manager can also tap on the “Back to Main Screen” button to return to the Main Screen.

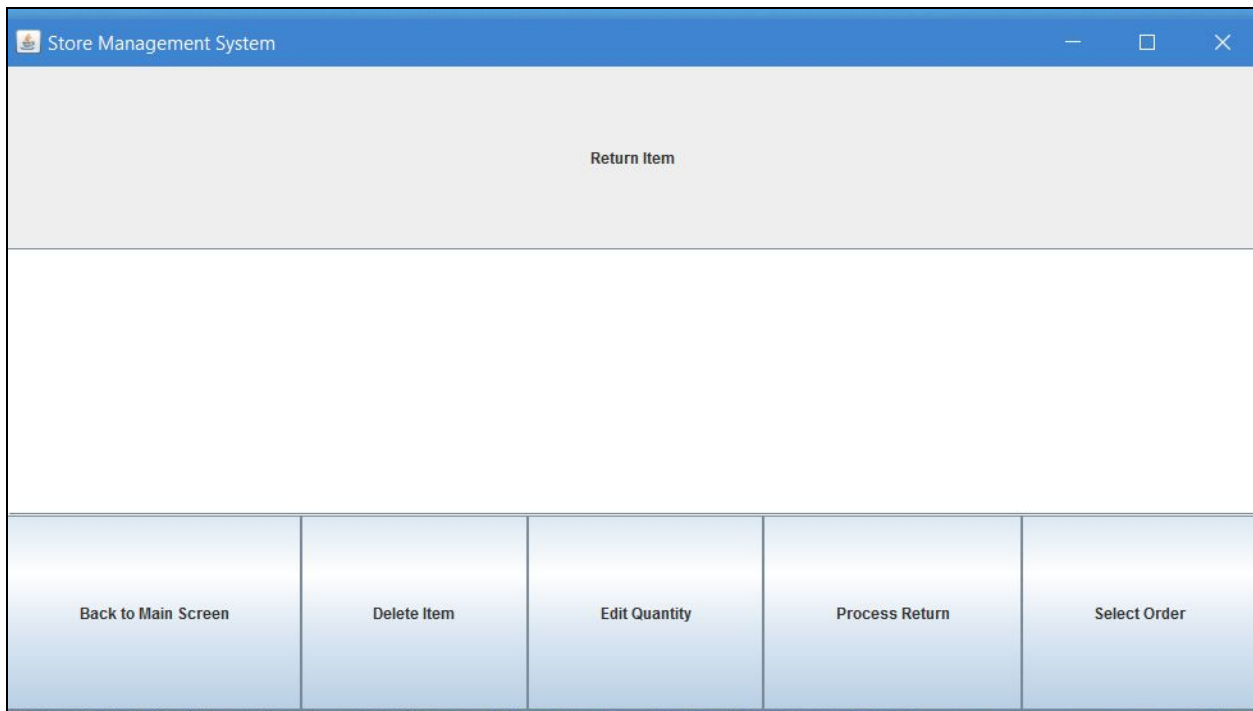
#### 5. Employee Screen:



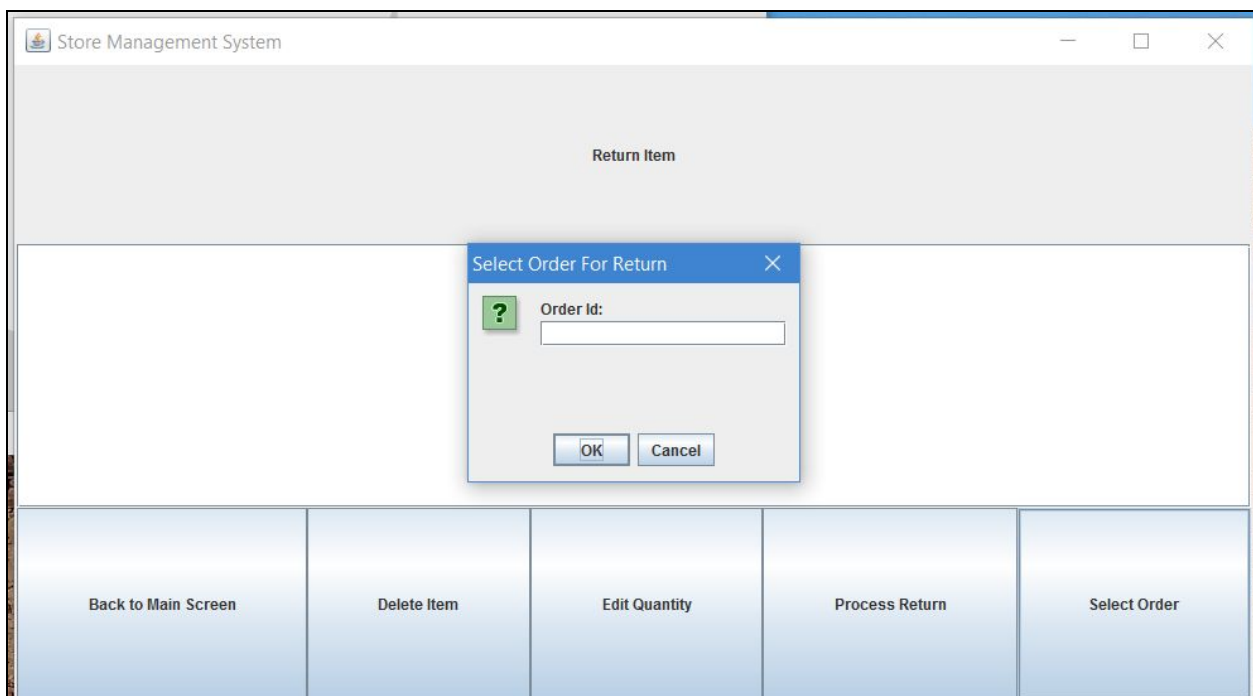
- Only a Manager has access to this screen
- The screen has the list of all employees of the store and each can be selected
- Just as in the Inventory screen, the manager is able to select an employee and either delete it or update it by clicking the corresponding button.

- The manager can also add a new employee by tapping the “Add Employee” button.

6. Return Screen:



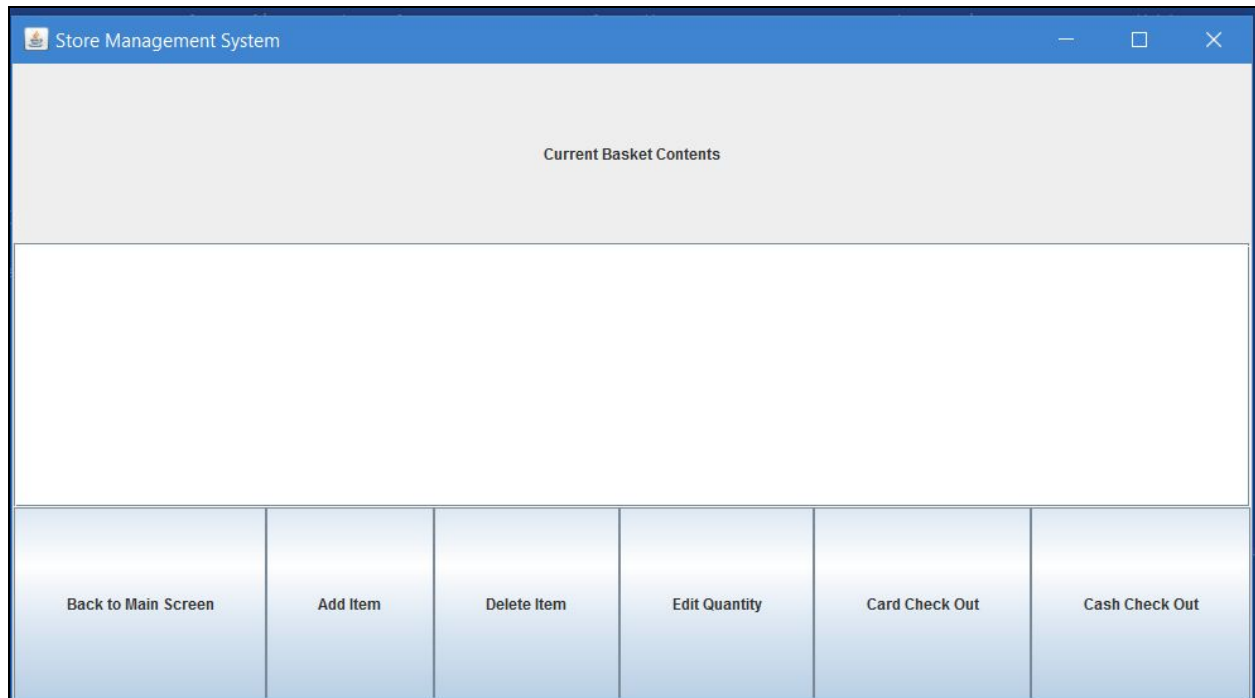
- Only the Manager and Customer Assistants can access this screen.
- “Select Order” button opens the Select Order Popup.



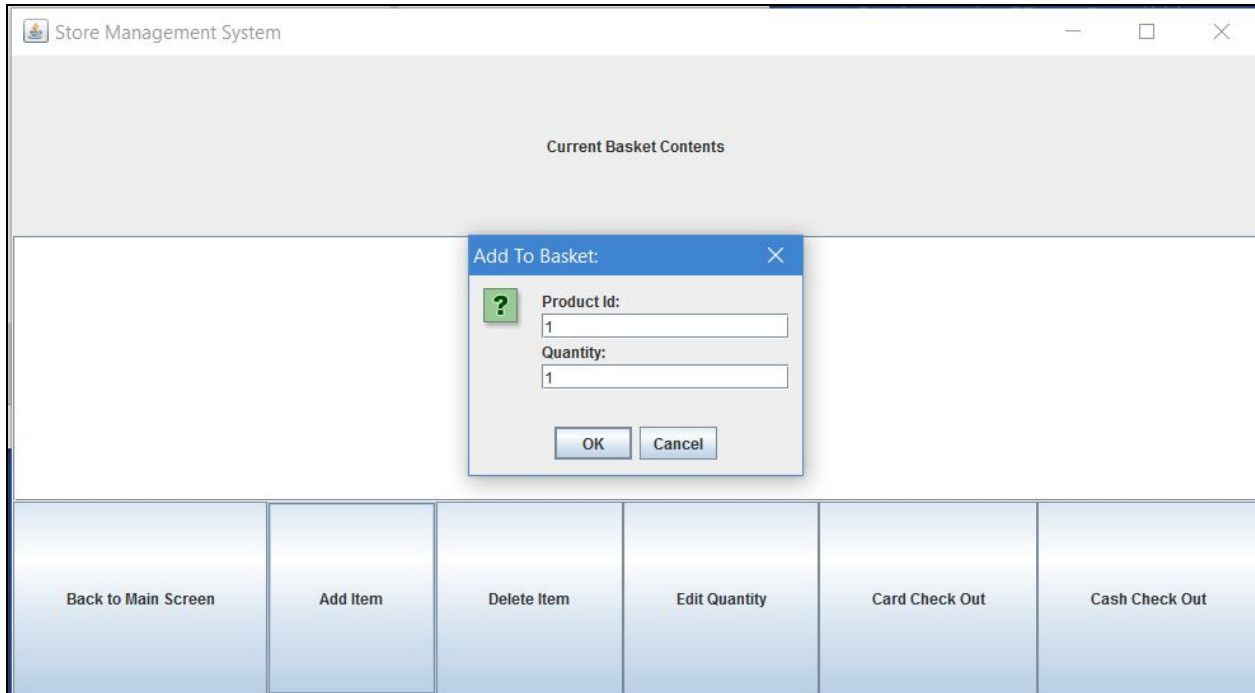
- The screen then goes back to the Return Screen.
- The “Delete Item” button deletes whatever is selected in the queue.

- The “Edit Quantity” button brings up the same kind of popup as above just with different text.
- The “Process Return” button will execute and save the return to the order.
- The manager can also tap on the “Back to Main Screen” button to return to the Main Screen on the Return screen.

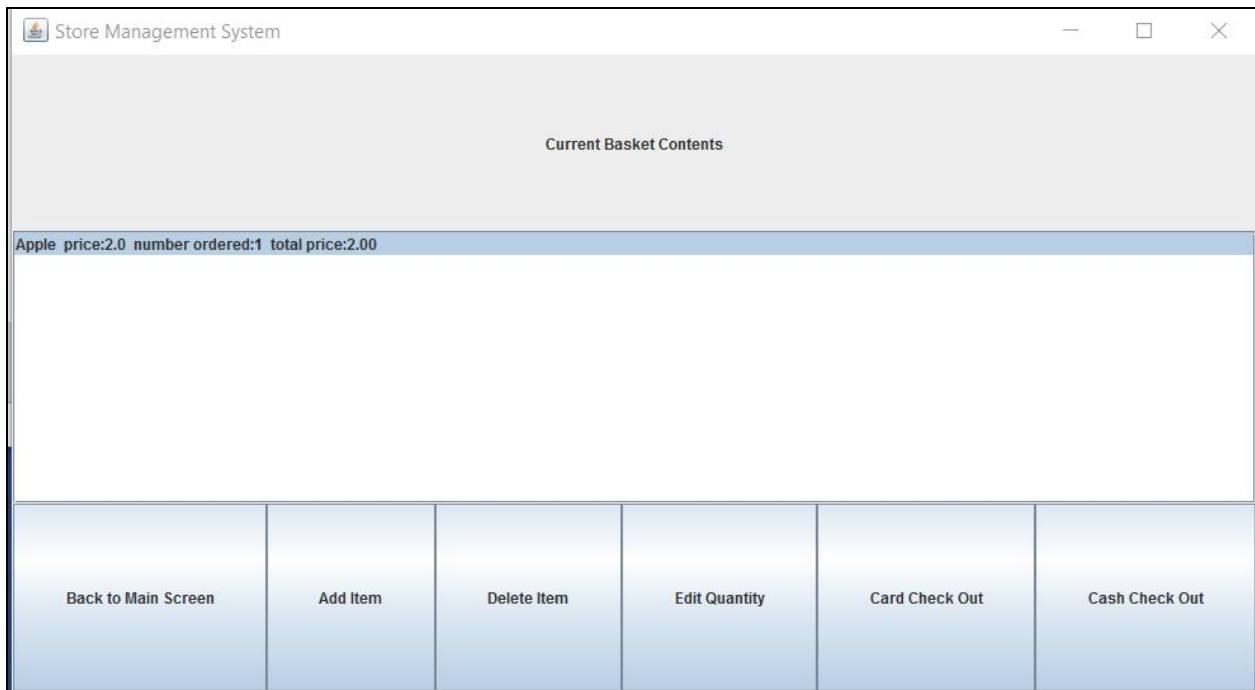
7. Checkout Screen:



- All employees can use this page.
- Selecting the “Add Product” button causes this prompt to appear, which allows you to enter Product Id and Quantity.



- The “Delete” button removes whatever is selected in the list.



- The “Edit Quantity” button brings up a popup to allow the quantity to be edited.



Store Management System

Current Basket Contents

Apple price:2.0 number ordered:1 total price:2.00

?

Quantity:

1

OK

Cancel

Back to Main Screen

Add Item

Delete Item

Edit Quantity

Card Check Out

Cash Check Out

- The “Card Check Out” button invokes the Card Payment screen.

Store Management System

Card Payment

Name On Card

Card Number

Exp. Date

CVS

SUBMIT PAYMENT

Cancel

TOTAL:: 2.0

- The “Submit Payment” button submits the payment and takes you back to the Main screen.
- The “Cancel” button takes you back to the Checkout screen.

- The “Cash CheckOut” button invokes the Cash Payment screen.

Store Management System

Cash Payment

SUBMIT PAYMENT

Cancel

TOTAL:: 2.0

- The “Submit Payment” button submits the payment and takes you back to the Main screen.
- The “Cancel” button takes you back to the Checkout screen.
- The manager can also tap on the “Back to Main Screen” button to return to the Main Screen on the Checkout screen.

Note:

- When the user enters an invalid entry, this generic message is shown to tell the user that the input was invalid:

