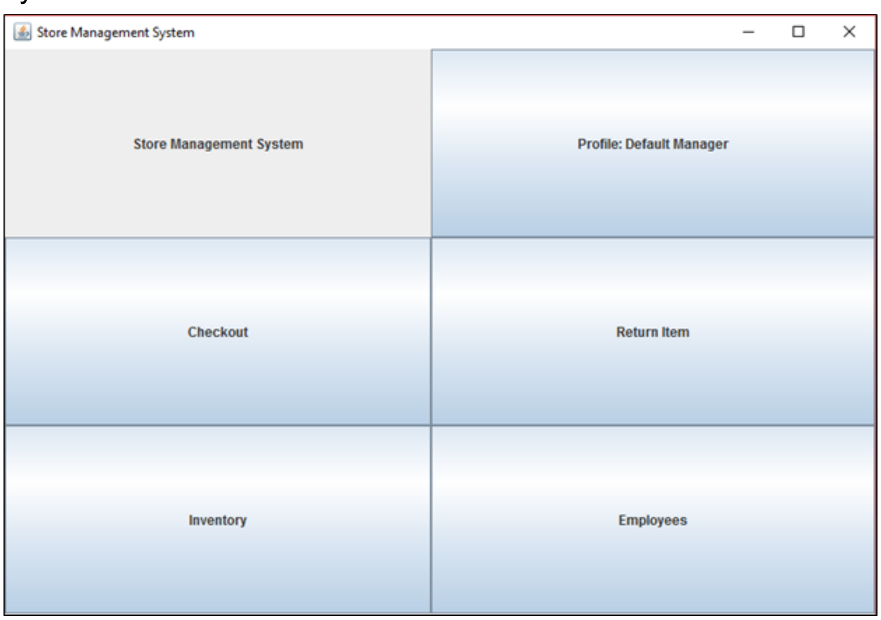
Sam Christiansen & Brad Jorgensen
Requirements, Iteration 2:

1. As a cashier, I want to check out a list of items bought by a customer
2. As a manager, I want to update the inventory (change price, availability, add new products,...)
3. As an employee, I want to log into and logout from the system.
4. As an employee, I want to change my display information (e.g. display name, photo…), my access code/password from the system
5. As a manager, I can assign or change the access rights to other employees
6. As a customer support employee, I want to help a customer returning an item bought previously.
7. As a manager, I want to install the application for the first time, setup users, and convert existing the database in XLS into a SQL-based database.
8. As a cashier, I want to checkout differently for loyal program customers. If the customer has a loyal card, some items will have different prices.
9. As a manager, I want to set up discount prices for some products.
10. As a customer, I want to use the reward points to pay in checking out process. The reward points are accumulated while paying by actual dollars. The conversion rate is 1 point for $1 when buying, and 100 points for paying with points.
11. As a manager, I want to have revenue reports for products, or customer in a given period (e.g. a week, a month, or a quarter…)

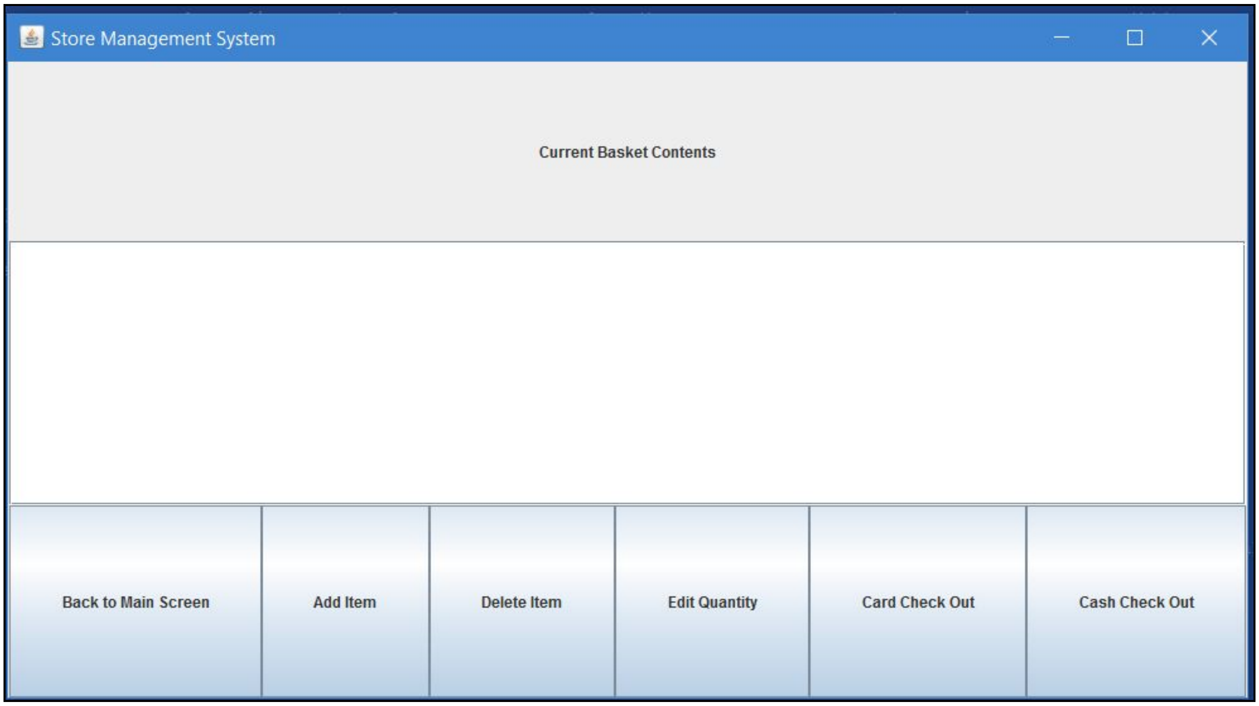
Use Stories:

Use Story 1: Check out a list of items bought by a customer

1. System is on the main screen:

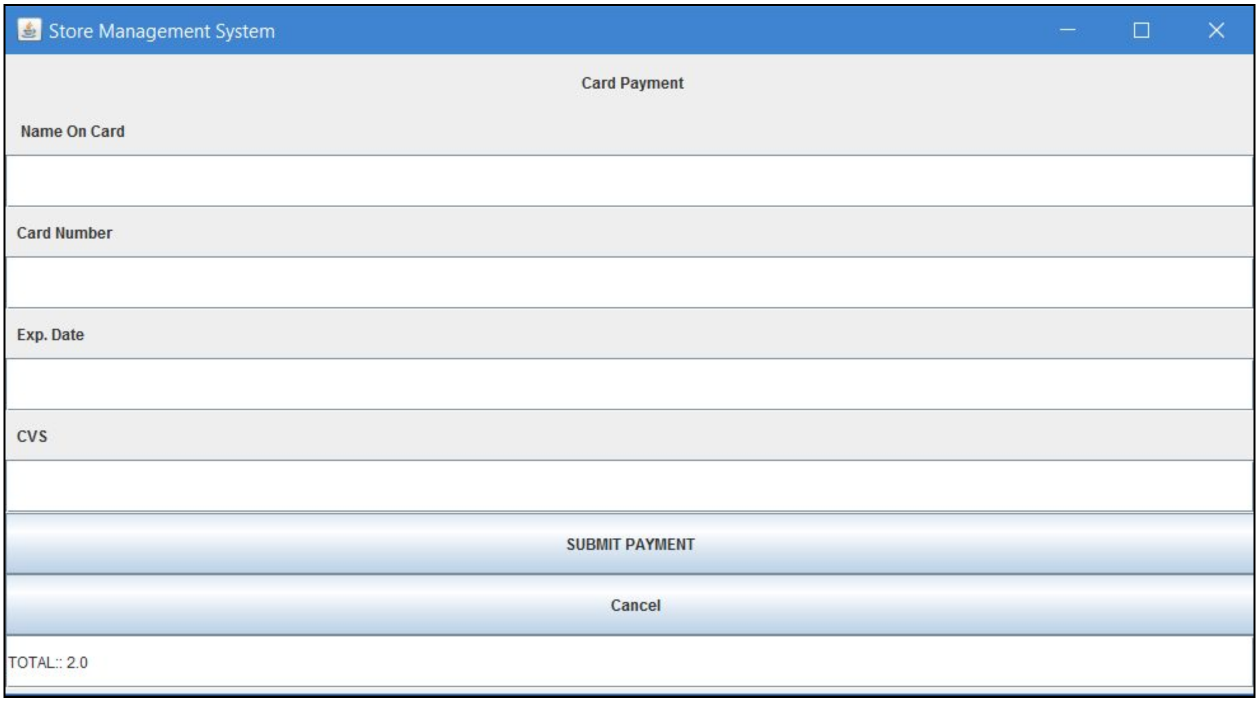


2. User is able to navigate to the Checkout screen by clicking on the Checkout button



3. User is able to add an item by scanning the barcode or by clicking the Add Item to Queue button and entering the item Id. After adding an item, the system automatically updates the following:
--The Current Item box to display the item’s info.
--The Items in Queue box to display the complete list of added items
--The total cost box to show the updated sum of prices from the items in the Items in Queue box
4. User is able to delete an item by clicking the Delete Item button and then clicking the item in the Queue. After deleting an item, the system automatically updates the following:
--Items in Queue box to display the updated list of items
--The total cost box to show the updated sum of prices from the items in the ITems in Queue box

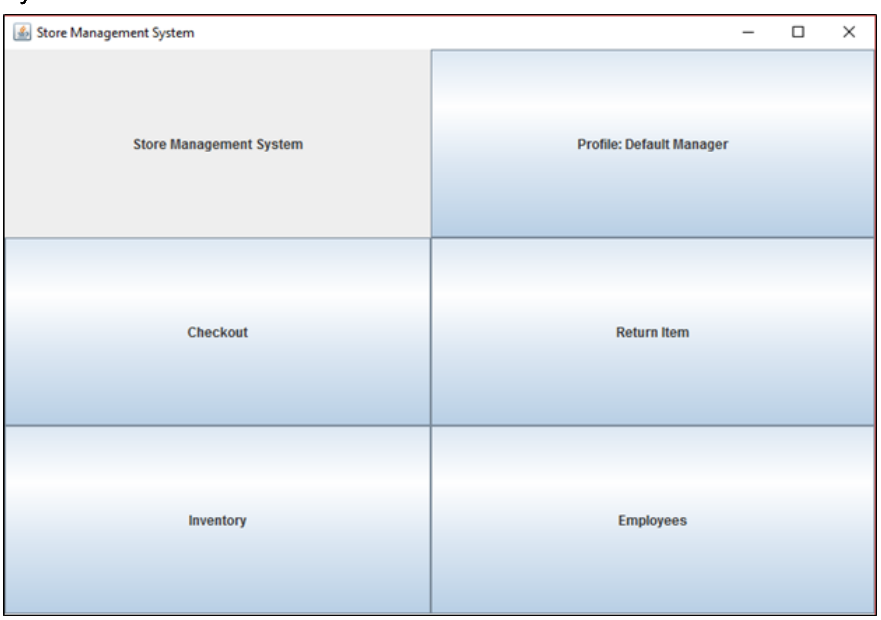
5. When the order is complete, the user is able to click the Checkout button, which sends the user to the Checkout page:



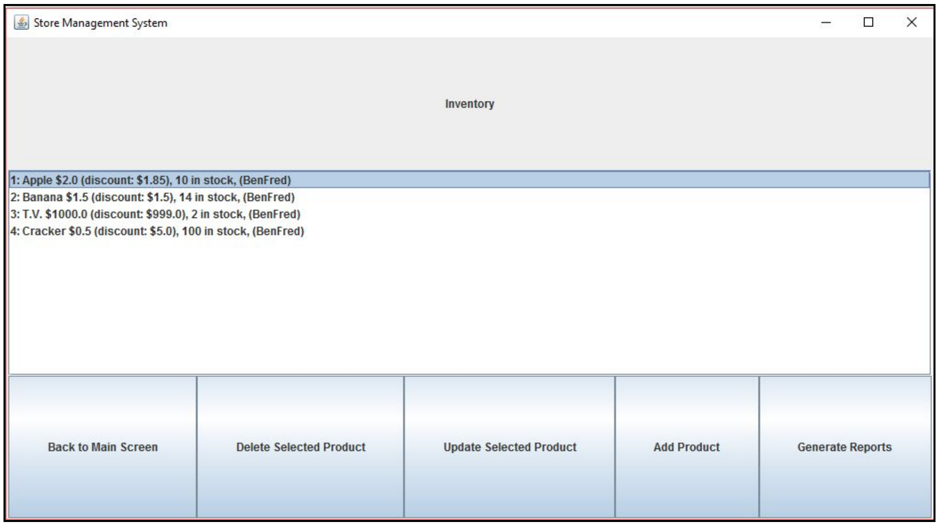
6. The user is able to see the total cost and cancel the order if needed.
7. The user is able to enter either a) amount of cash the customer pays with, or b) the customer's credit card info, and then tap Enter to finish the order.

Use Story 2: Update the inventory

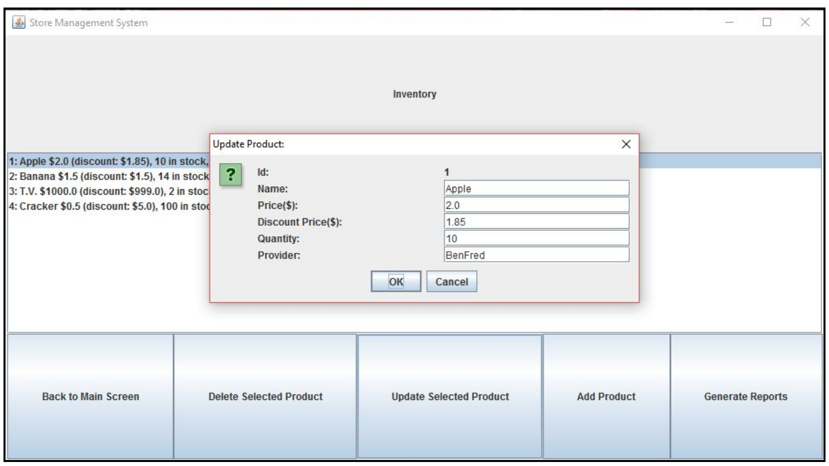
1. System is on the main screen:



2. The user is able to navigate to the Inventory screen by clicking on the Edit Inventory button



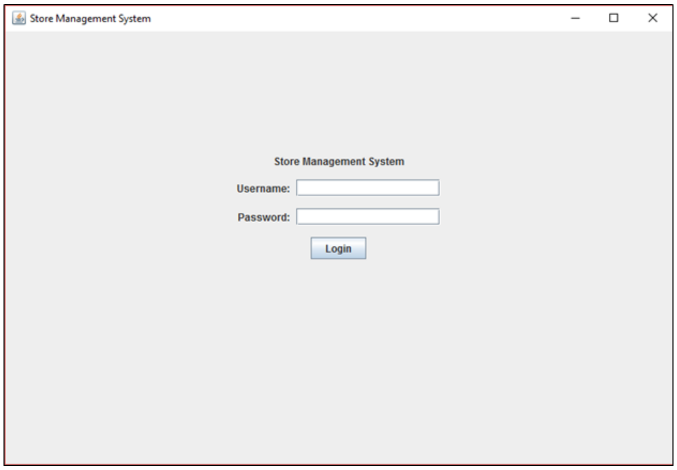
3. The user is able to scroll to the item of which they want to change the price in the list of items.
4. The user is able to tap the EDIT button of the item of which they want to change the price, which will prompt a pop-up to appear.



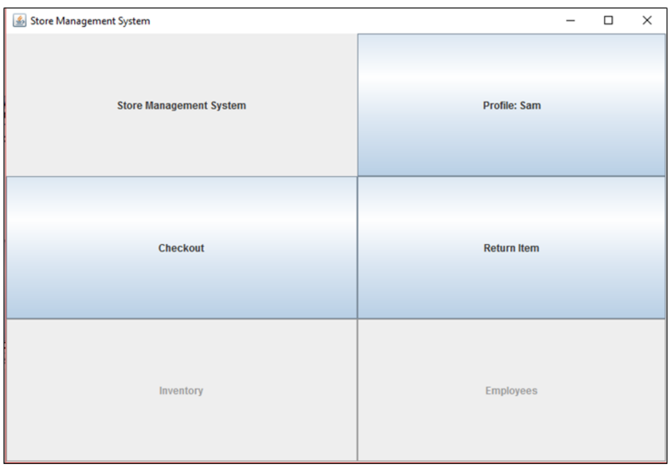
5. The user is able to update the inventory by entering the updated value in the “New Value” column and then clicking on the Save button (any empty cells in the “New Value” column will keep the item’s current value).
6. The user is also able to cancel the update by tapping the Cancel button.
7. The user is able to navigate back to the main screen by tapping the Exit button.

User Story 3: As an employee, I want to log into and logout from the system.

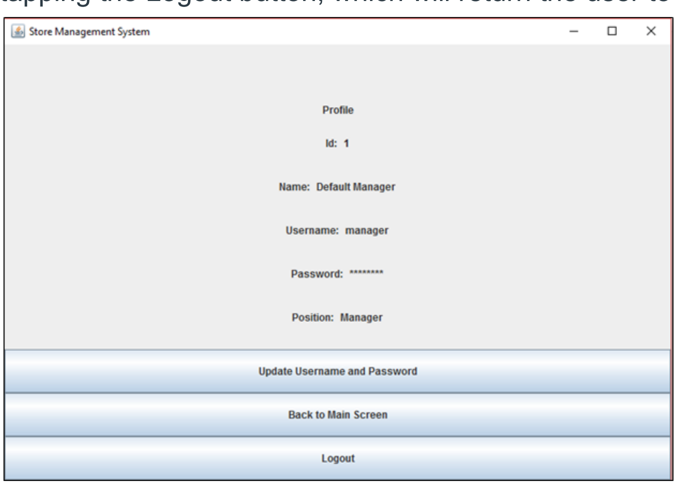
1. Upon opening the application, the user is able to enter their username and password and then click the Login button to log into the system.



2. After logging in, the user will be able to have an option to view his name next to the Profile title on the top right button:

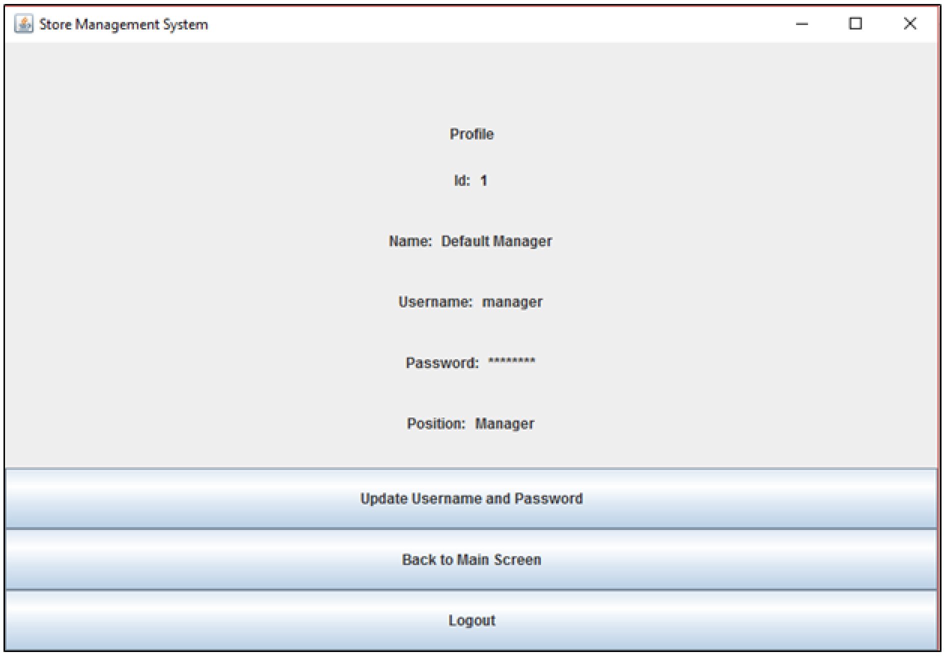


3. Upon tapping the Profile button, the user is given the option to logout of the system by tapping the Logout button, which will return the user to the starting Login page:

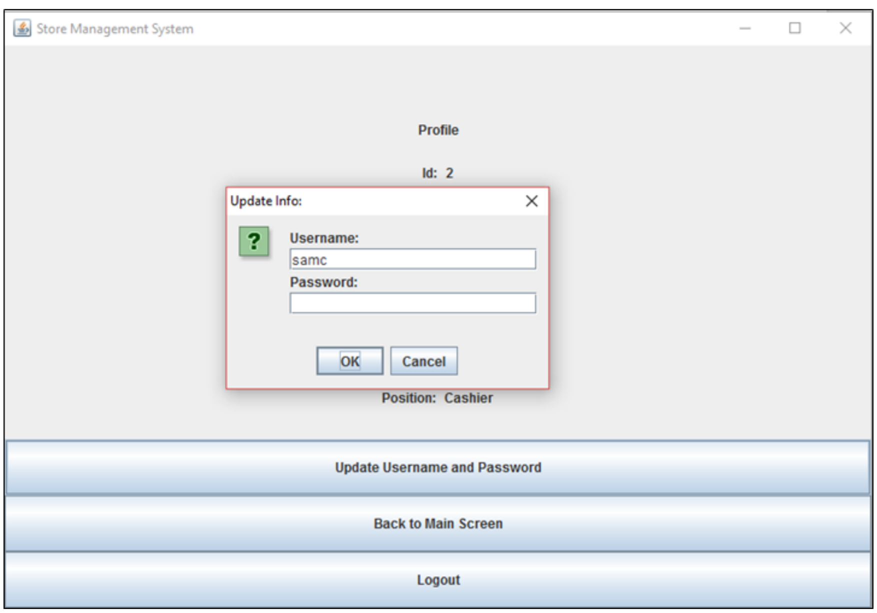


User Story 4: As an employee, I want to change my display information (e.g. display name…), my access code/password from the system

1. After logging into the system, the user is able to tap on the Profile button to navigate to the profile screen:



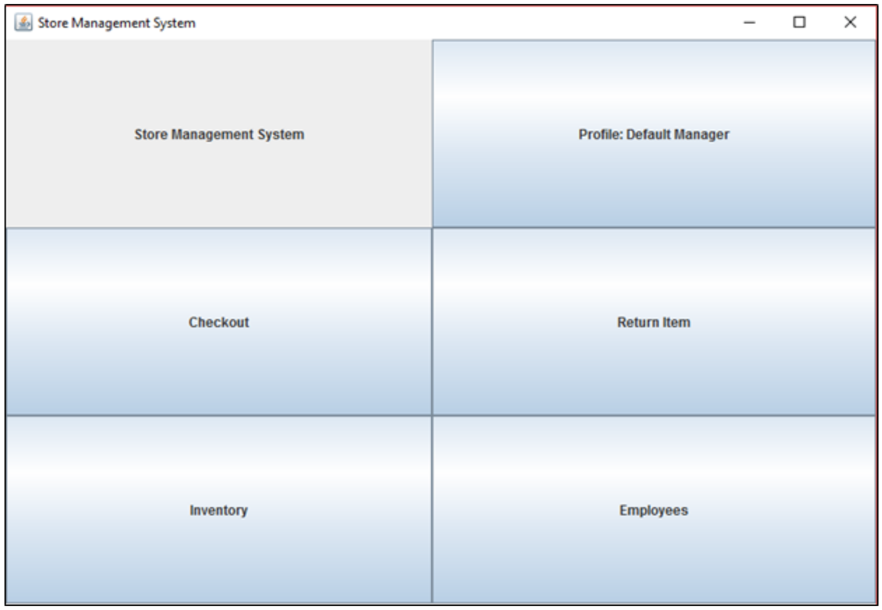
2. The user is able to tap on the “Update Username and Password” button to update their Username and Password:



3. If the user needs other entries changed, the user will be able to talk to the manager and the manager may adjust the other fields according to their own discretion (see the next user story).

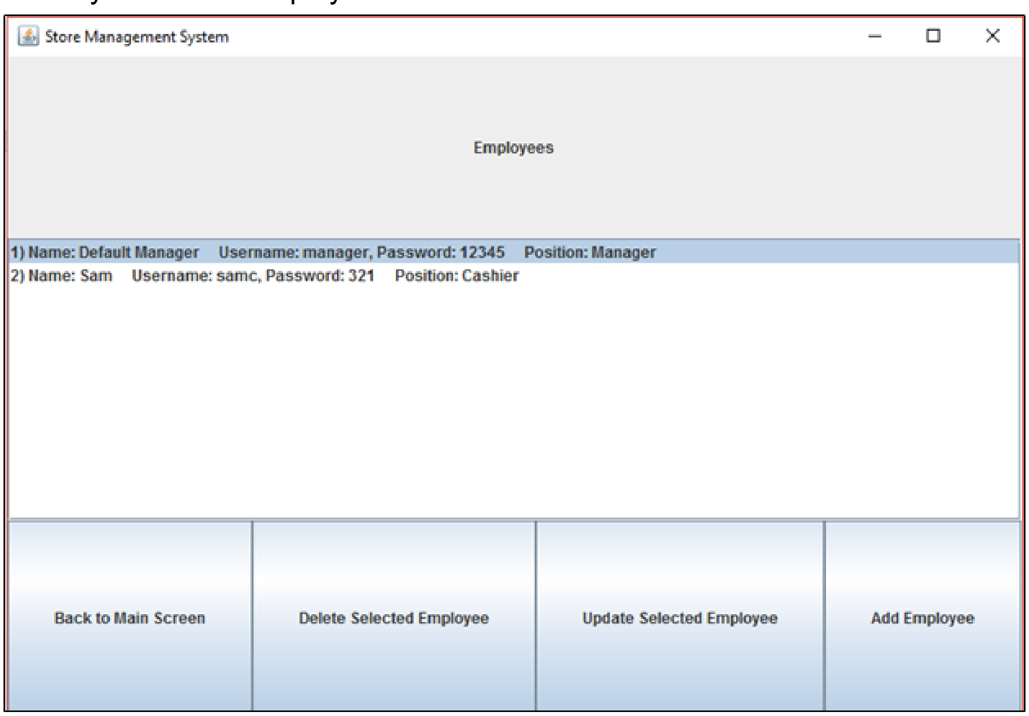
User Story 5: As a manager, I can assign or change the access rights to other employees

1.The system is on the Main screen:

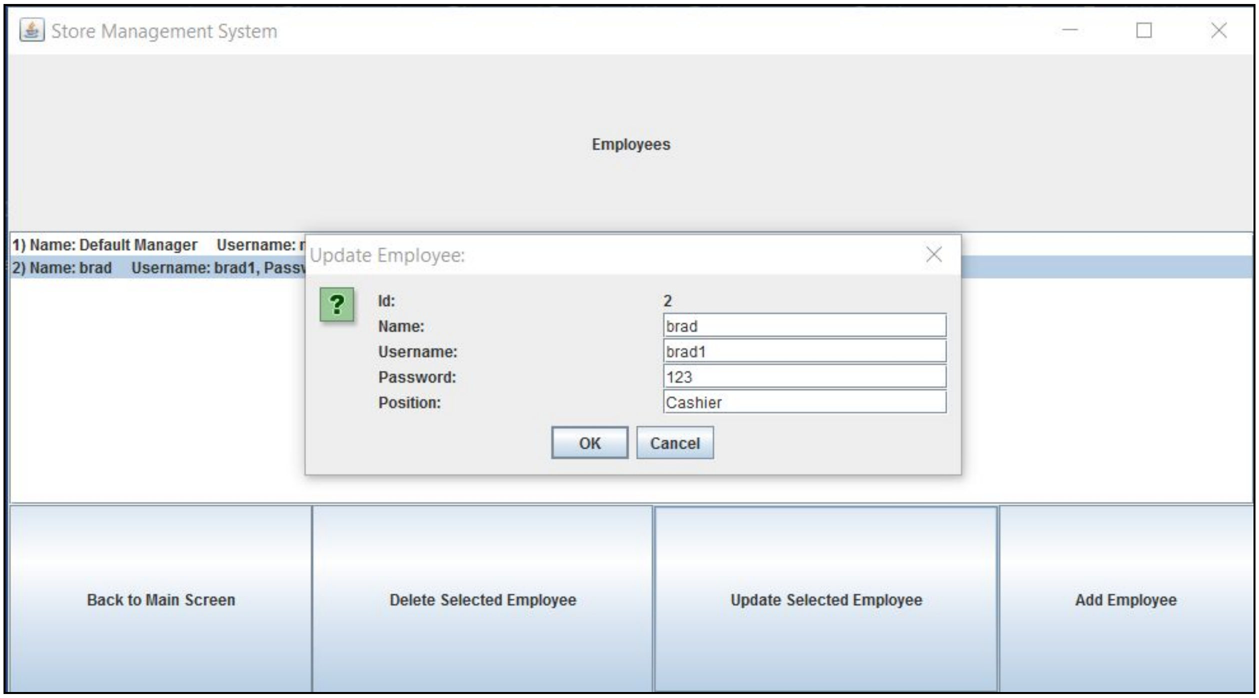


2. The manager is able to navigate to access rights by clicking on the “Employee”button on the Main screen.

3. The system is on Employees screen



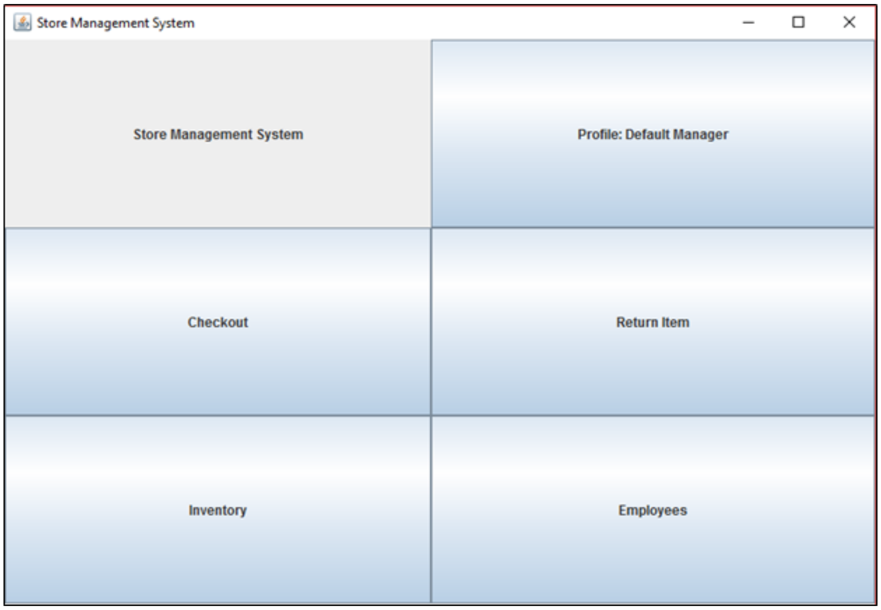
4. The manager then selects from the list to of employees to edit.
5. Then manager then clicks the “Update Selected Employee.”
6. The system then displays the “Update Employee” popup.



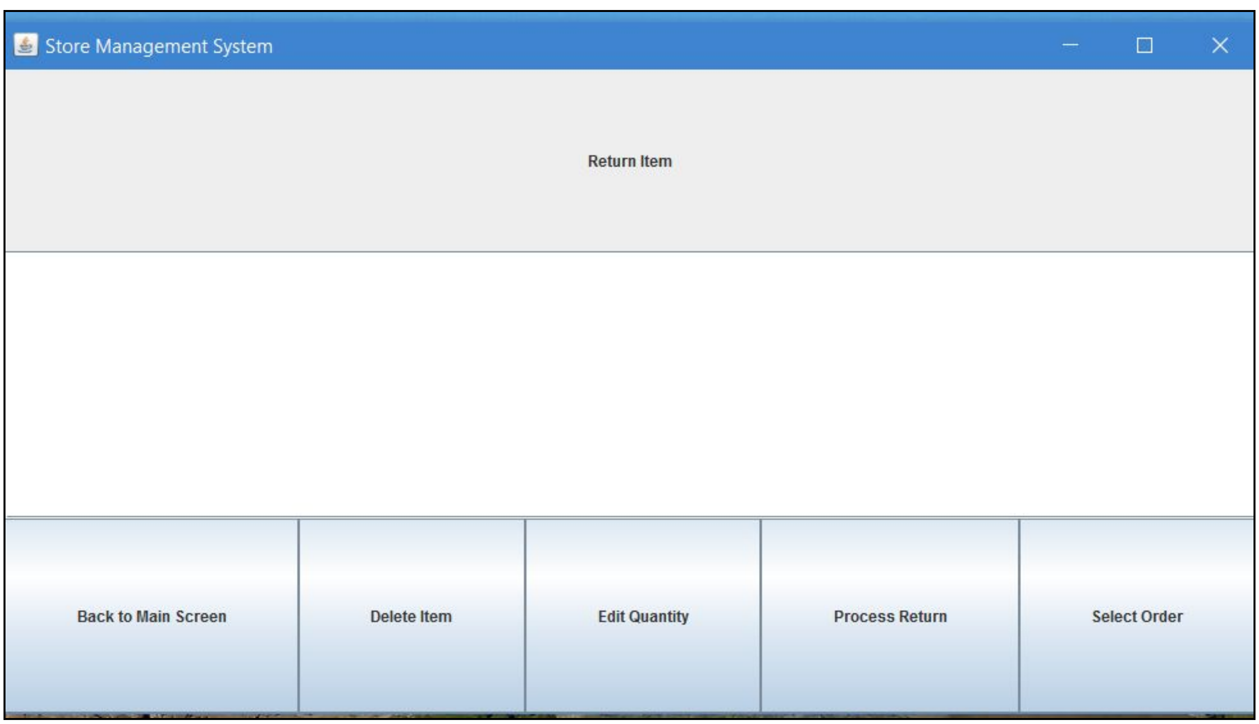
7. The manager is then able to change the position of an employee by typing into the “Position” text field.
8. The manager then clicks the “OK” button to process the request.

User Story 6: As a customer support employee, I want to help a customer returning an item bought previously.

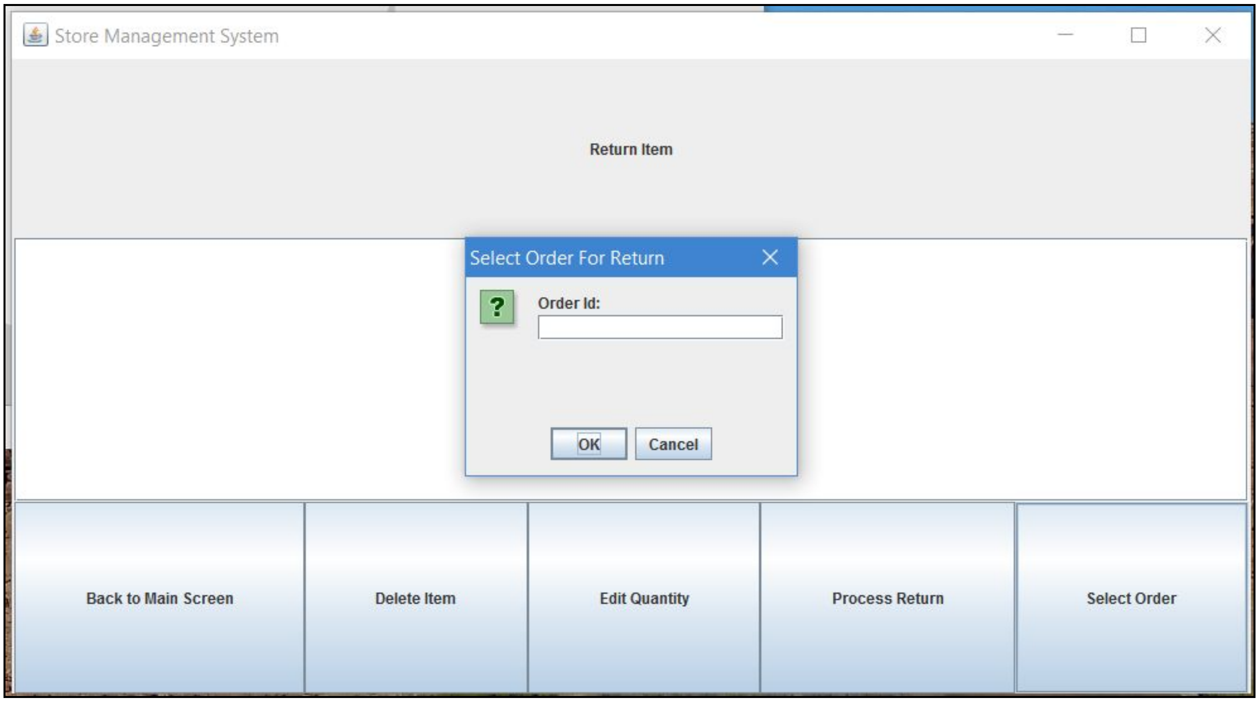
1.The system is on the Main screen:



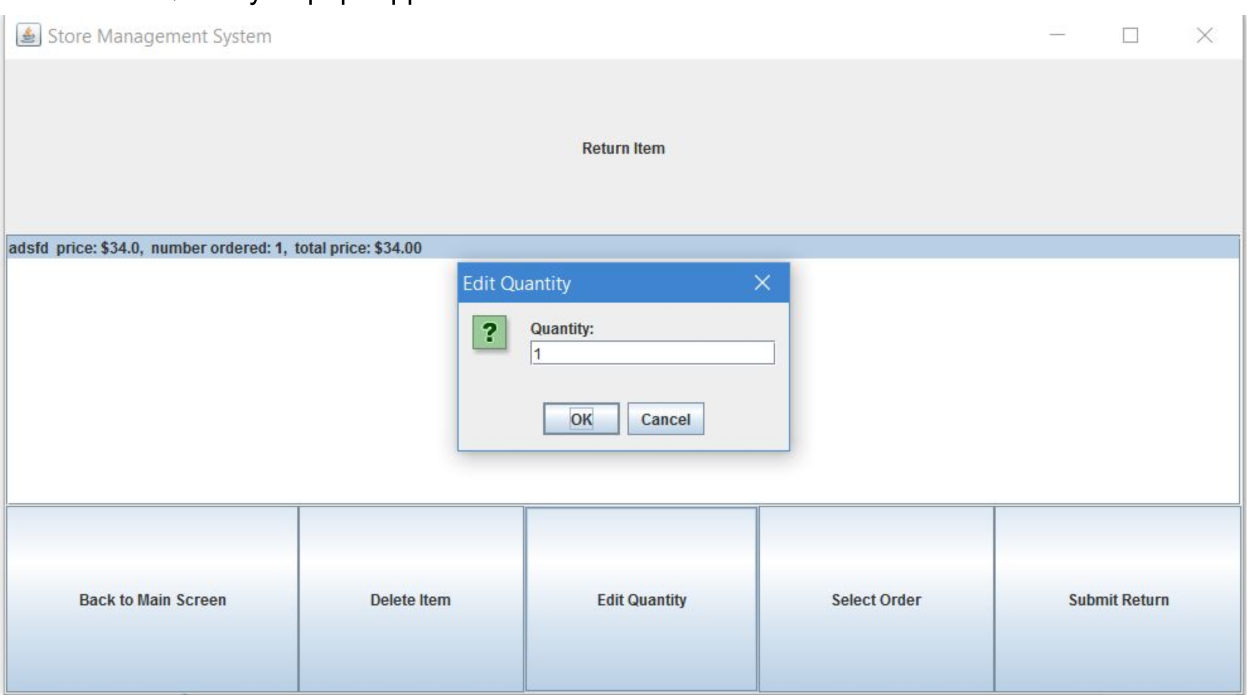
2. By clicking on the “Return Item” button the user is able to navigate to the Return item screen.
3. The system is on the “Return Item” screen.



4. By clicking the “Select Order” button the “Select Order Popup” appears.



5. The user is able to enter the order number.
6. The user is able to click “ok” to execute order retrieval.
7. The user is able to edit the order to return by selecting the item in the list.
8. The user is then able to click on the “Edit Quantity” button.
9. The “Edit Quantity Popup” appears.



10. The user is able to enter the quantity to return to above chosen item.

11. The user by clicking the “ok” button returns the item.
12. The system is on the “Return Screen”
13. The user is able to click the “Process Return” button to save all changes.
14. The user is able to click on the “Back to Main Screen” button to return to the Main screen.

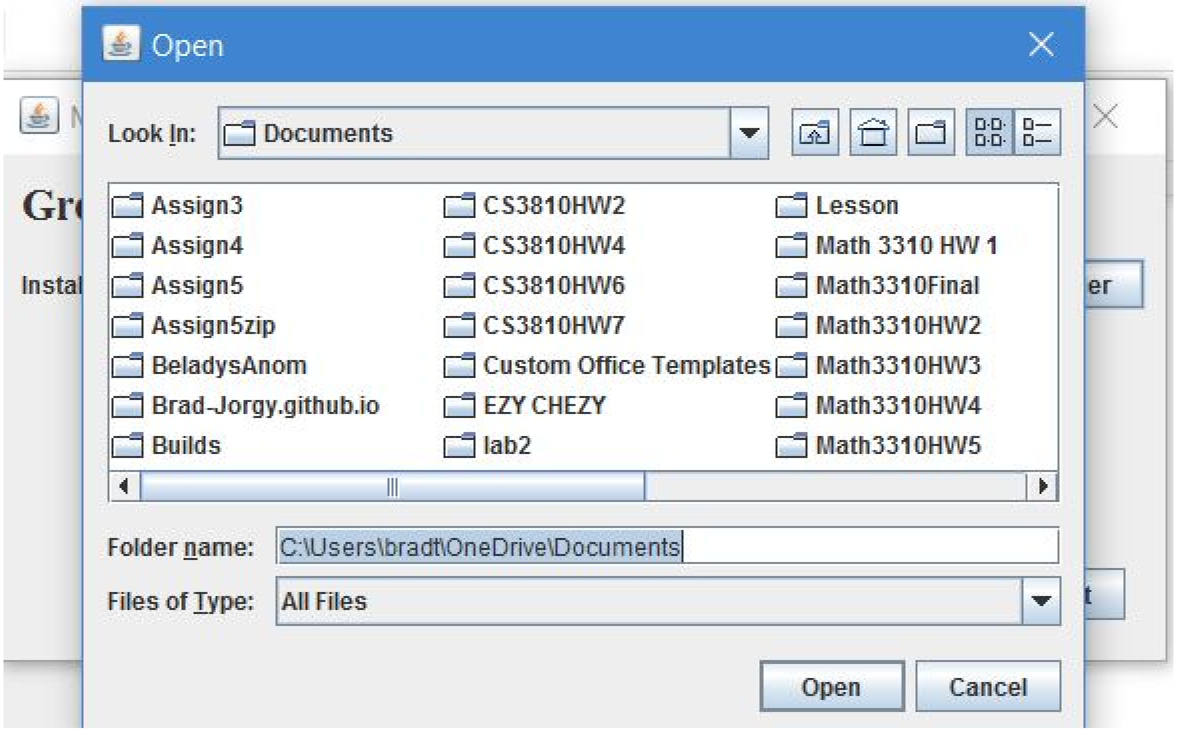
User Story 7: As a manager, I want to install the application for the first time, setup users, and convert existing the database in XLS into a SQL-based database.

1. After downloading program.jar this UI appears to be start installation process.

2. By clicking the Next button the installation destination screen appears.

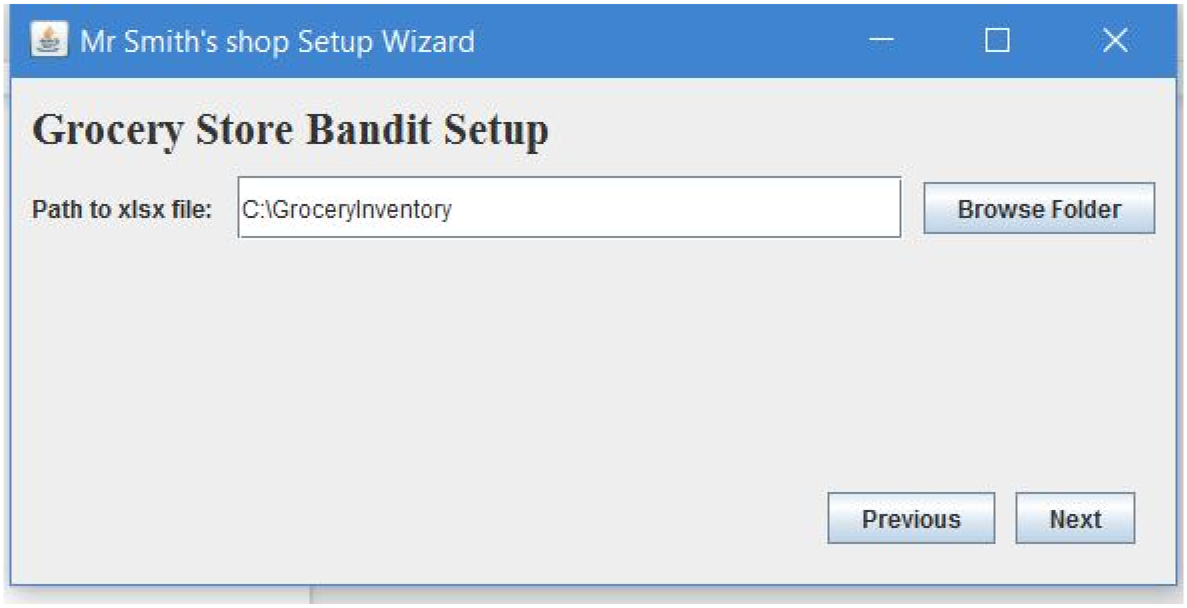
3. The Manager by typing the desired path into the “Installation path:” textfeild, can set the destination to be installed to.

4. As a manager by choosing the Browse Folder button to search for the desired path the Open popup appears to allow the user to choose the file path. Open button sets the path. Cancel button takes you back to the installation destination screen.



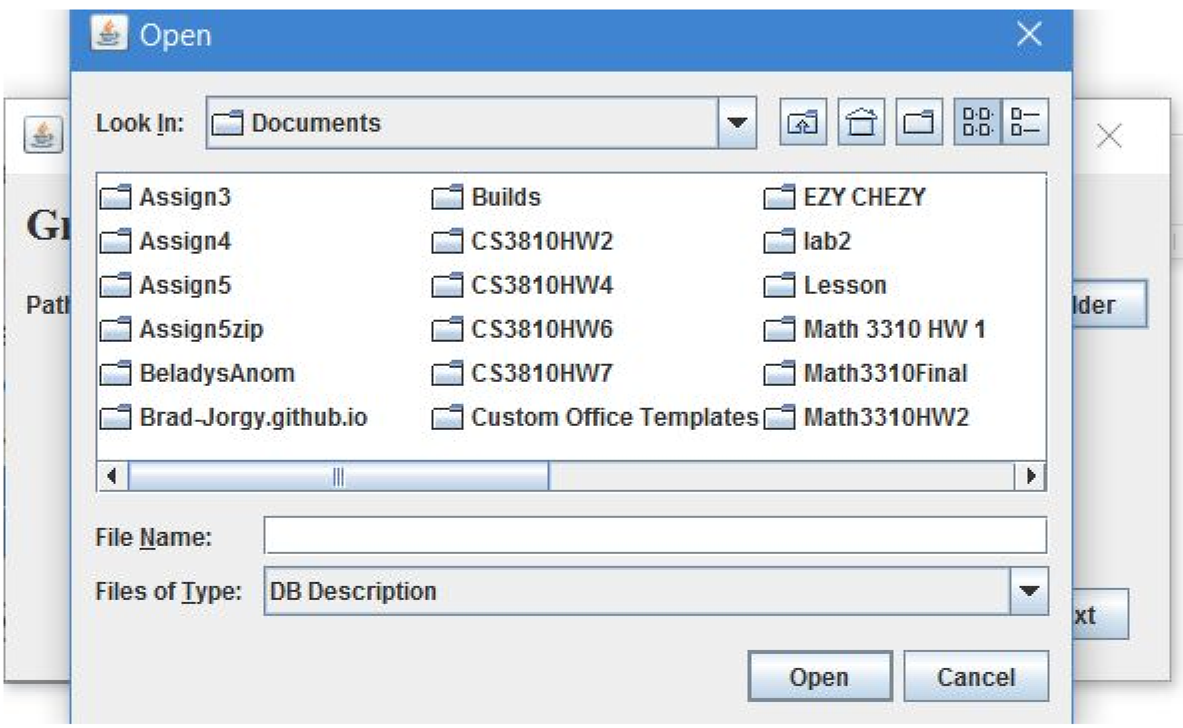
5. The manager by selecting the Next button sets the path for the program to be installed to.

6. The Next button also brings up the xlsx path setter.

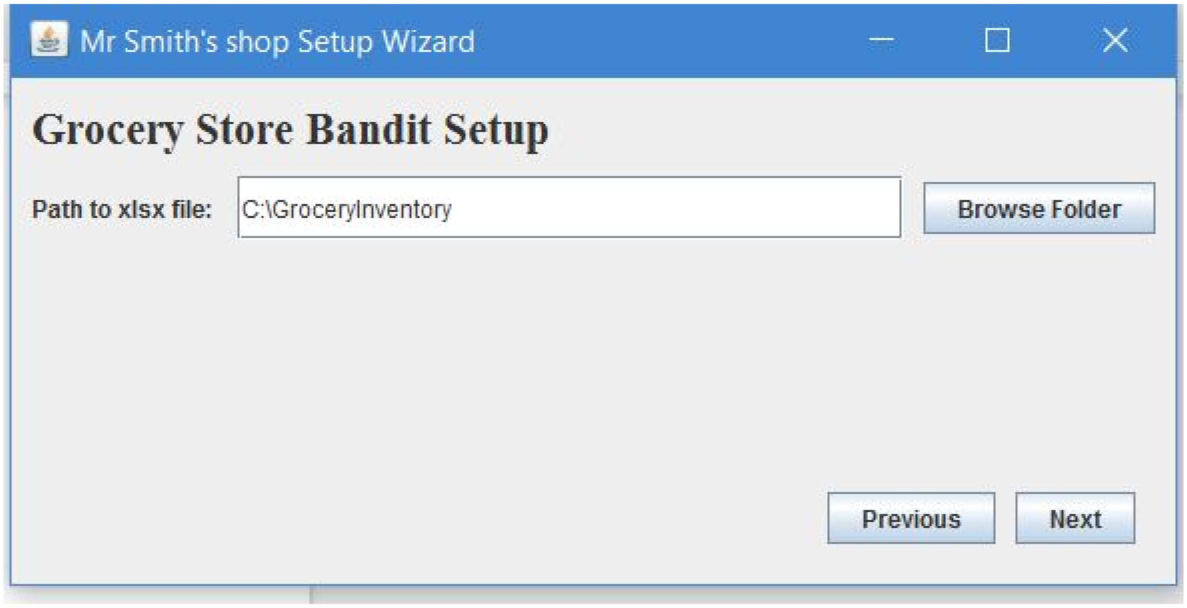


7.The Manager by typing the desired path into the “Path to xlsx file:” textfeild, can set the destination of the xlsx to be used.

8. As a manager by choosing the Browse Folder button to search for the desired the Open popup appears to allow the user to choose the file path. “Open” button sets the path. “Cancel” button takes you back to the installation destination screen.

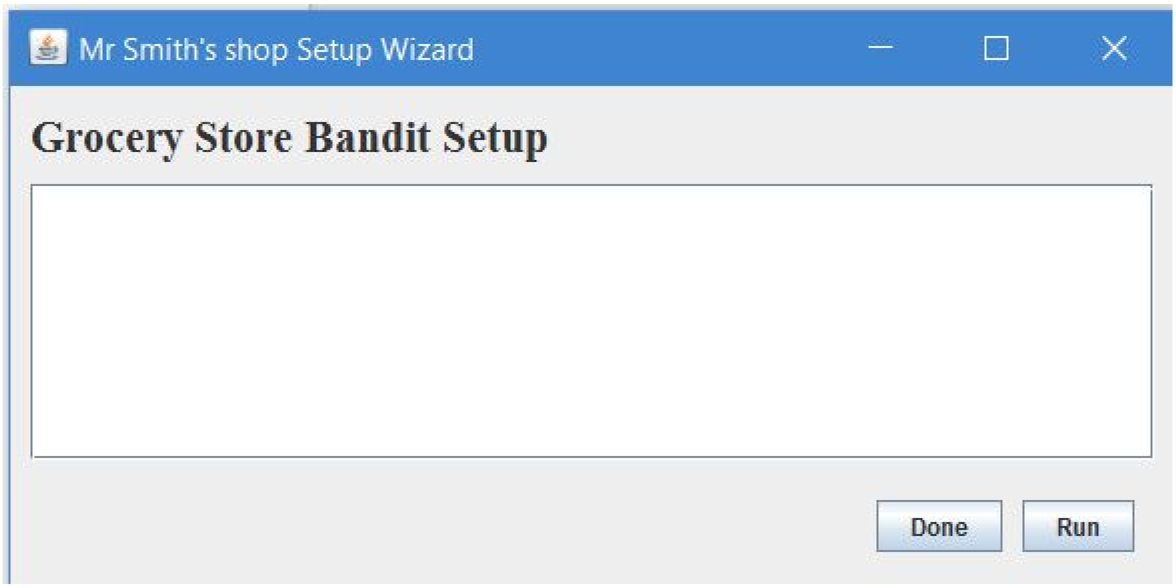


9. The user by clicking the next button is taken to the install screen.



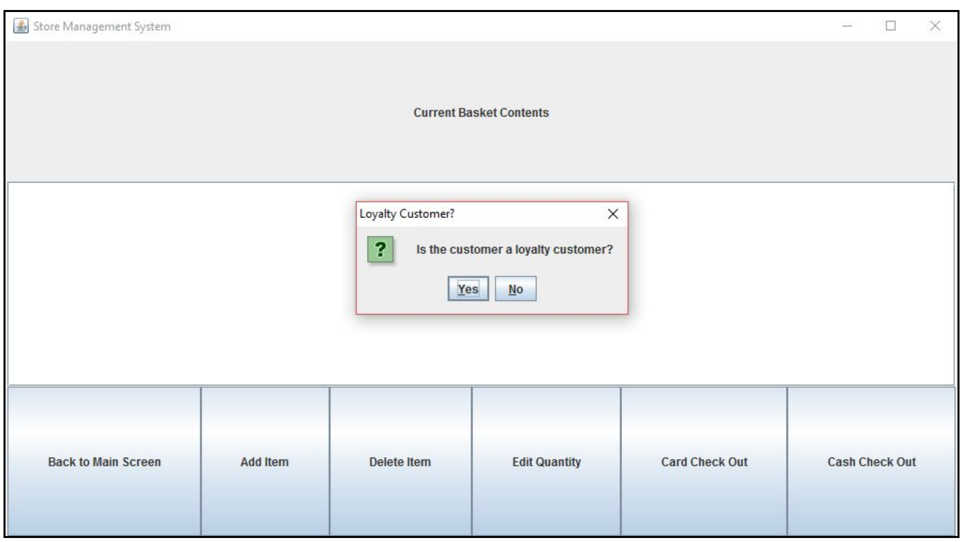
10. The Installation screen displays both paths set in previous windows. If the paths are correct the user can select the Install button to install the program, or Previous to go back to set the correct paths.

11. Once the the program is installed the run GUI appears. The manager may decide to run the program immediately by click the Run button. Or done in order to exit the installation process.

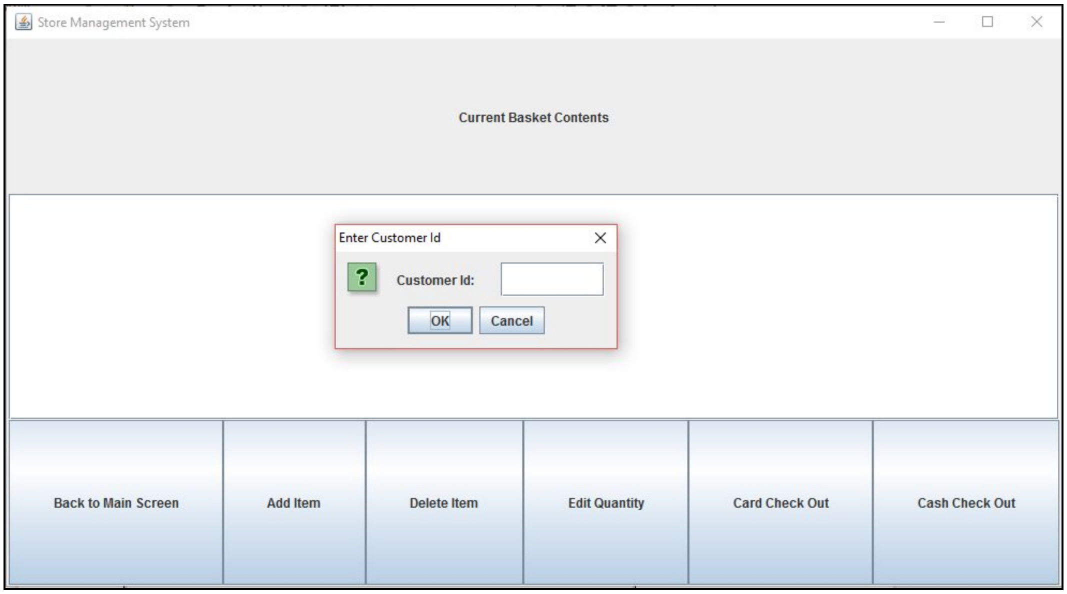


User Story 8: As a cashier, I want to checkout differently for loyal program customers. If the customer has a loyal card, some items will have different prices.

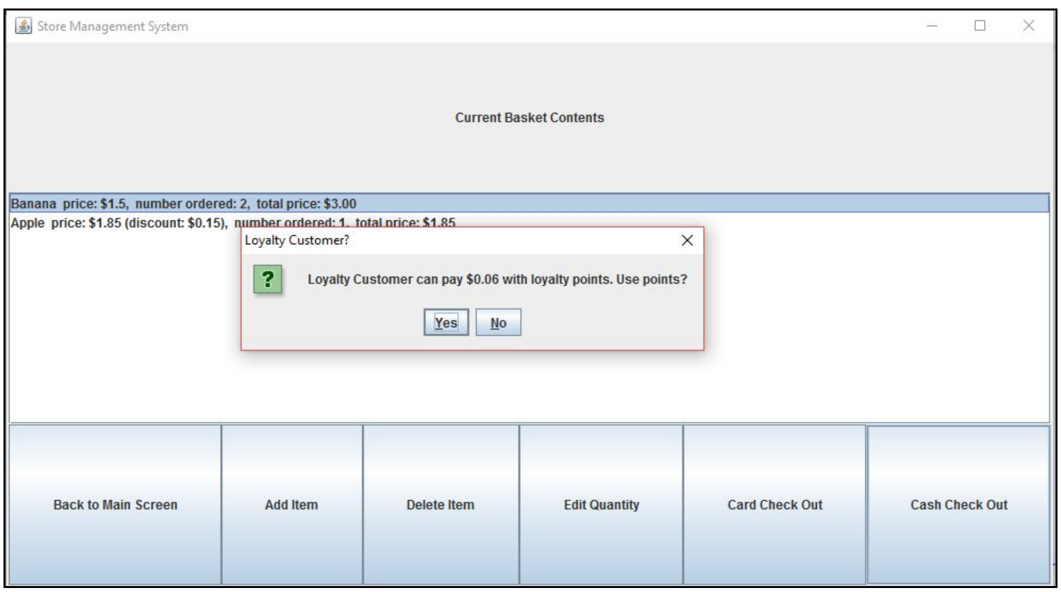
1. After clicking the Checkout button on the Main screen, the cashier is asked if the user is a loyalty customer:



2. The cashier then taps yes if the customer is a loyalty customer, and will then be prompted to enter the customer's id:

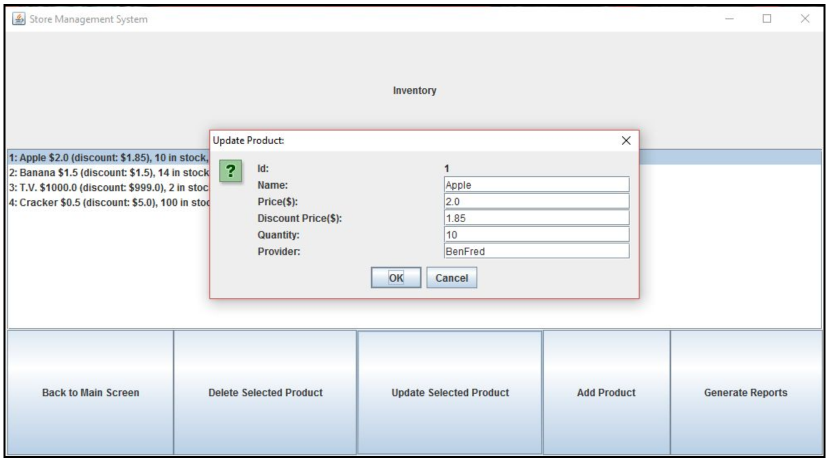


3. The cashier continues to checkout the customer and the discounted price is noted in the list.
4. Upon clicking the Cash Checkout or Card Checkout, the cashier is asked if the customer wants to use their loyalty points when paying:



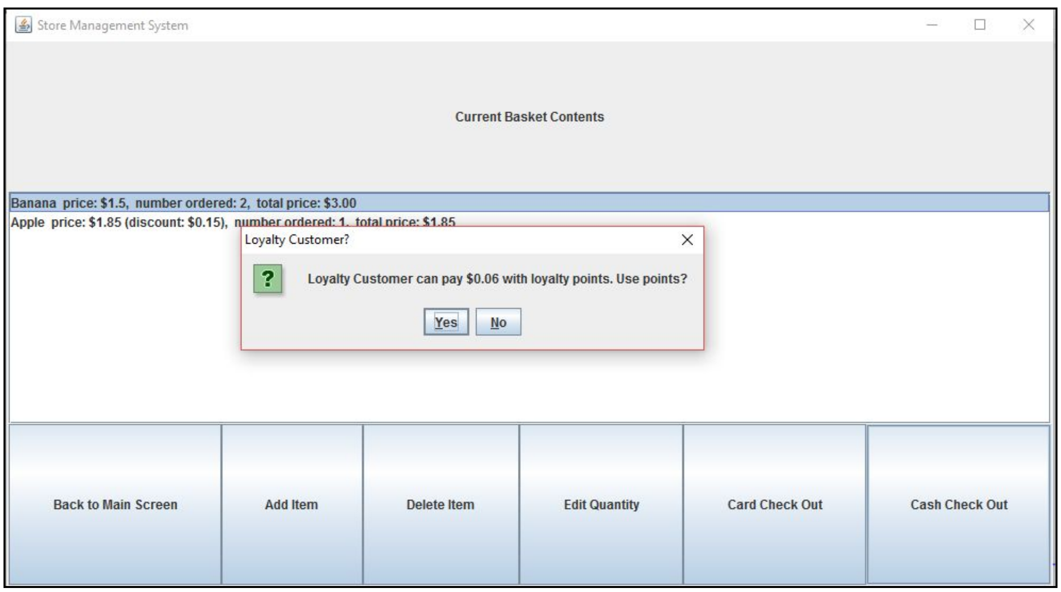
User Story 9: As a manager, I want to set up discount prices for some products.

1. While on the inventory screen, the manager is able to click on the Update Selected Product button and add a discounted price to the product:



User Story 10: As a customer, I want to use the reward points to pay in checking out process. The reward points are accumulated while paying by actual dollars. The conversion rate is 1 point for $1 when buying, and 100 points for paying with points.

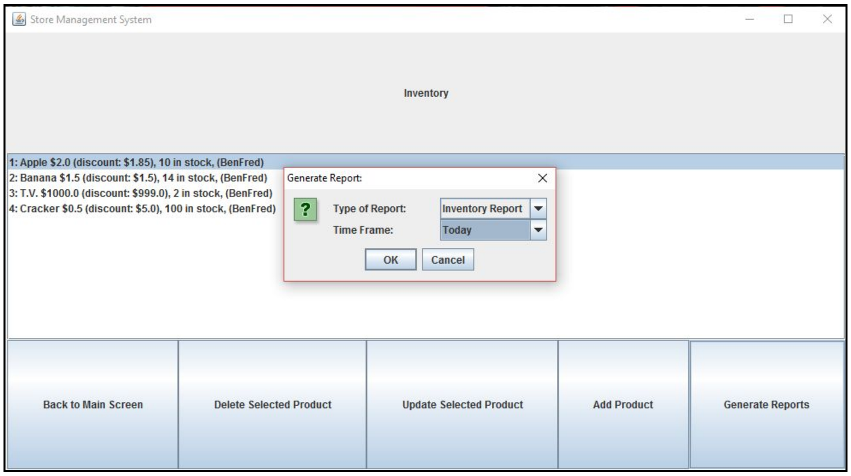
1. When finishing the checkout and clicking on the Cash / Card checkout button, the customer is told how much money they have in loyalty points and is asked if they want to use it while checking out:



2. If the customer selects yes, then the points will be used towards the current order and the order total will be edited accordingly.

User Story 11: As a manager, I want to have revenue reports for products, or customer in a given period (e.g. a week, a month, or a quarter…)

1. When in the Inventory screen, the manager is able to tap on the Generate Reports button, which will show the following prompt:



2. The manager is then able to choose the type of report (customer / inventory) and the time frame of the report (daily, weekly, monthly, quarterly or yearly).
3. By clicking the Ok button, the report is generated as a text file that is place in the same location as the program.