**Iteration 3 Requirements**

**User stories:**

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 login 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, set up users, and convert the existing database in XLS into a SQL-based database (IN INSTALLATION PACKAGE)
8. As a cashier, I want to check-out 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 customers, in a given period (e.g. a week, a month, or a quarter…)

**See Iteration 2 Requirements for user stories 1-6**

**Note: Access levels are as follows:**

**1: Manager with access to all systems**

**2: Cashier with access to checkout and returns**

**3: Cashier with access to only checkout**

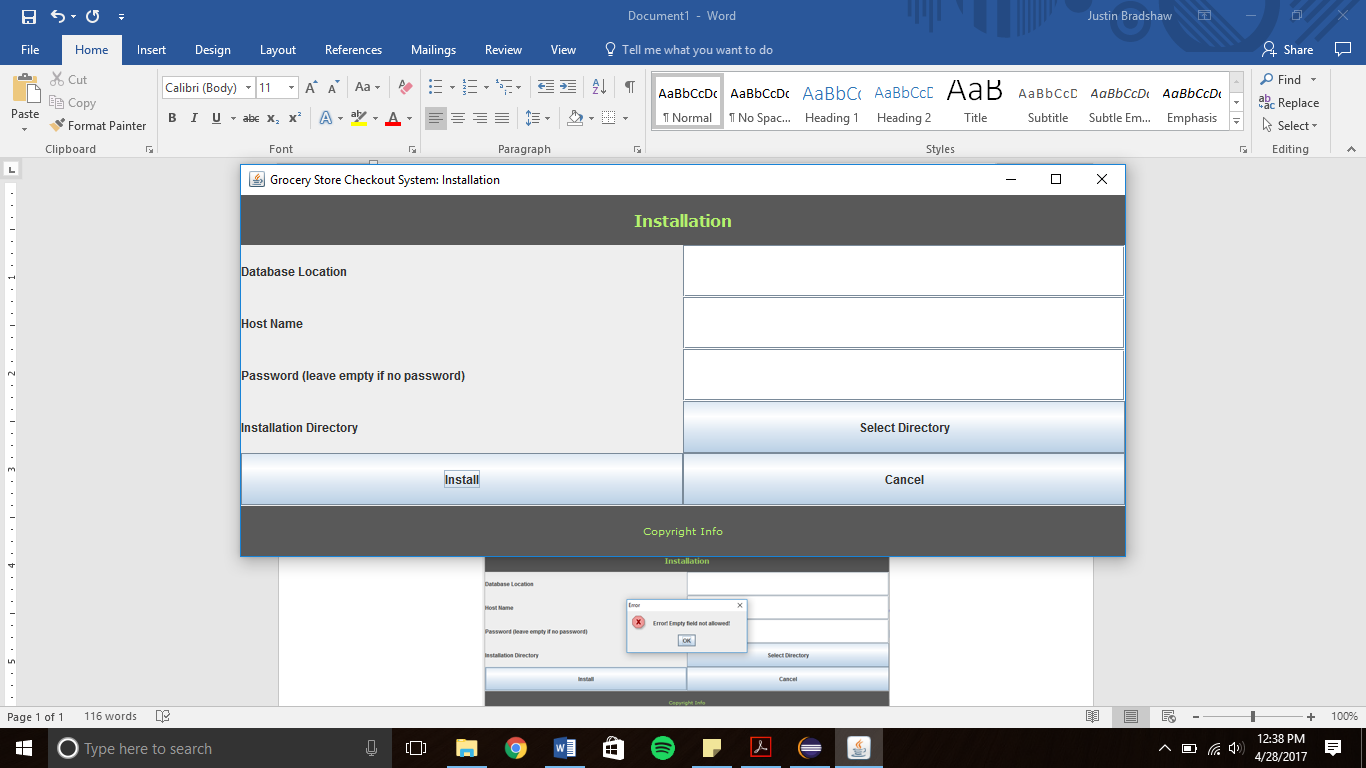
**4: Customer support employee with only access to returns**

**Also, if the user enters an incorrect password 3 times, the system will lock them out and shutdown.**

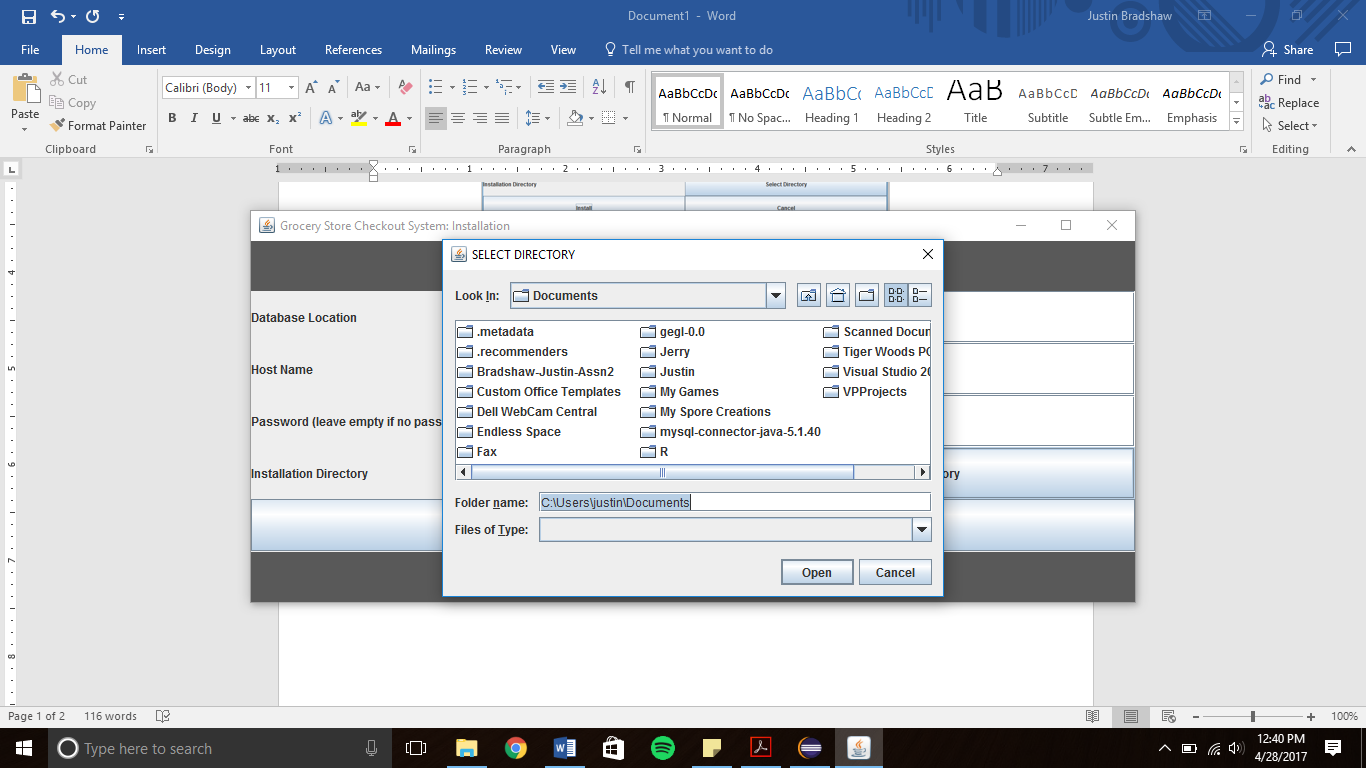
**Use Case: Installation**

**Note: If at any point the user selects cancel from the main screen, the program will exit**

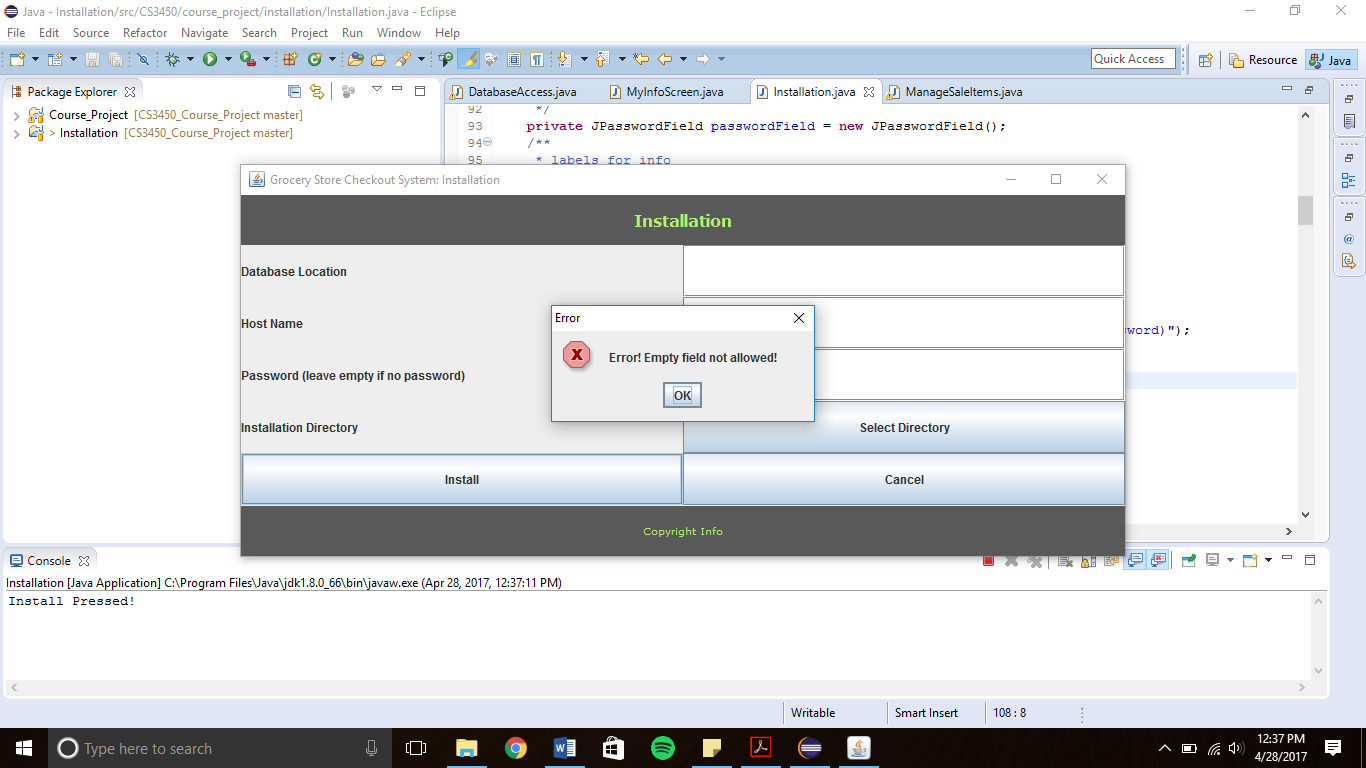
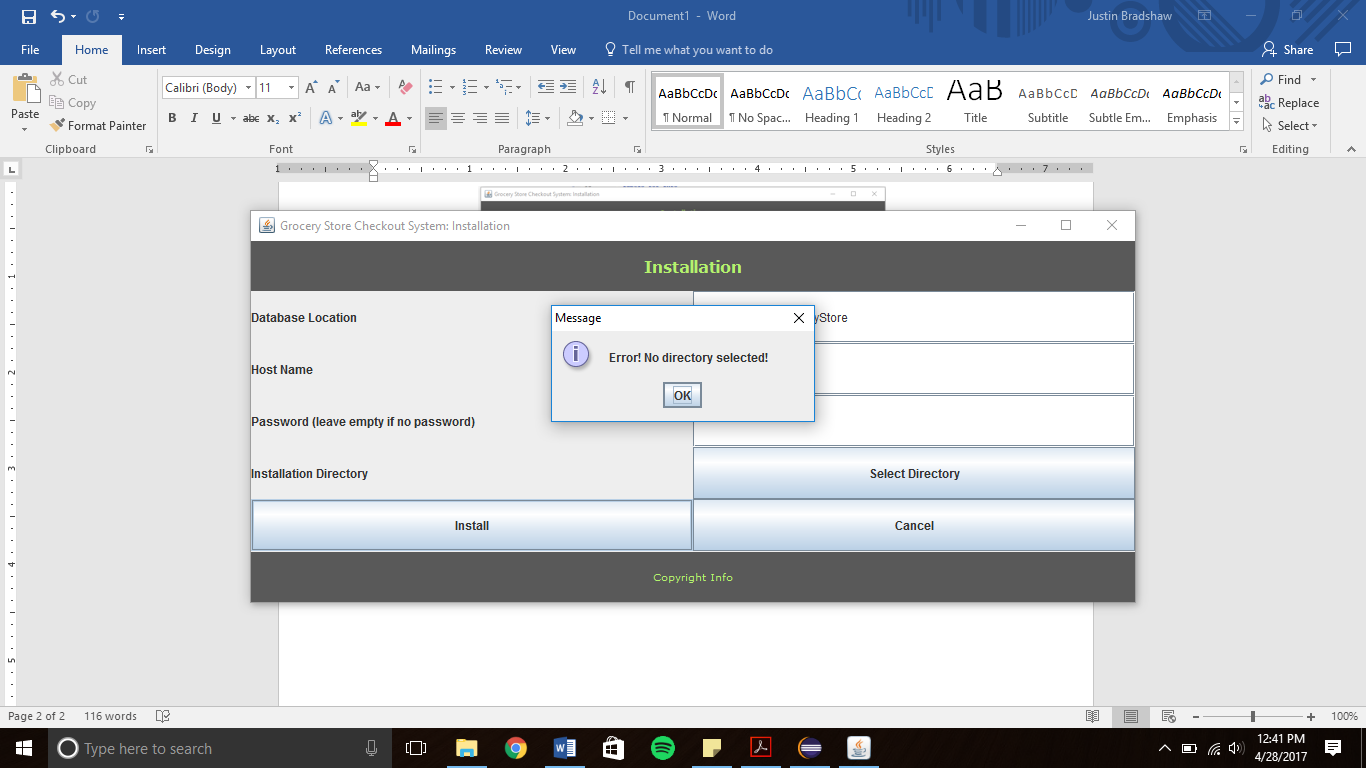
1. System displays the installation screen



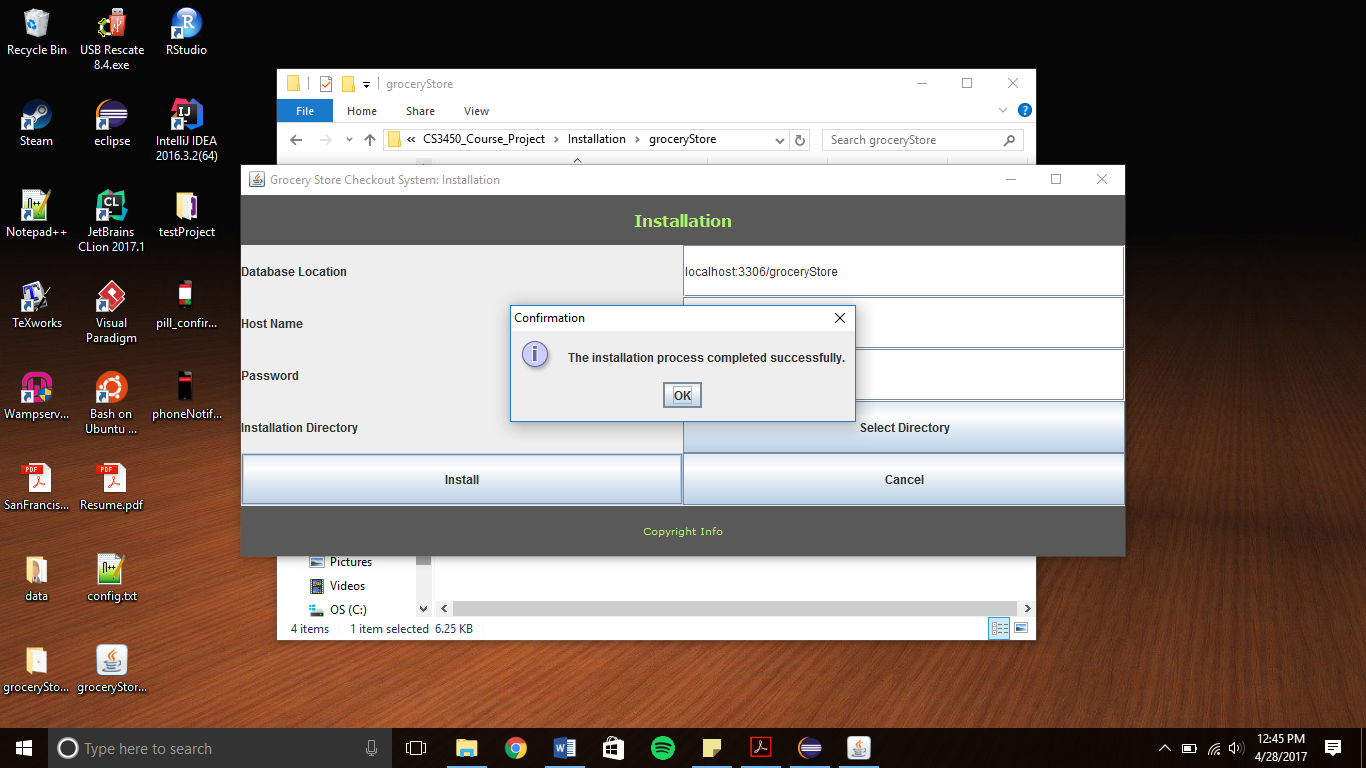
1. User enters the database location, host name, and password
2. User presses the select directory button
3. The File System directory is displayed
   1. If the user selects a directory, the directory is stored
   2. If the user selects cancel, no directory is stored

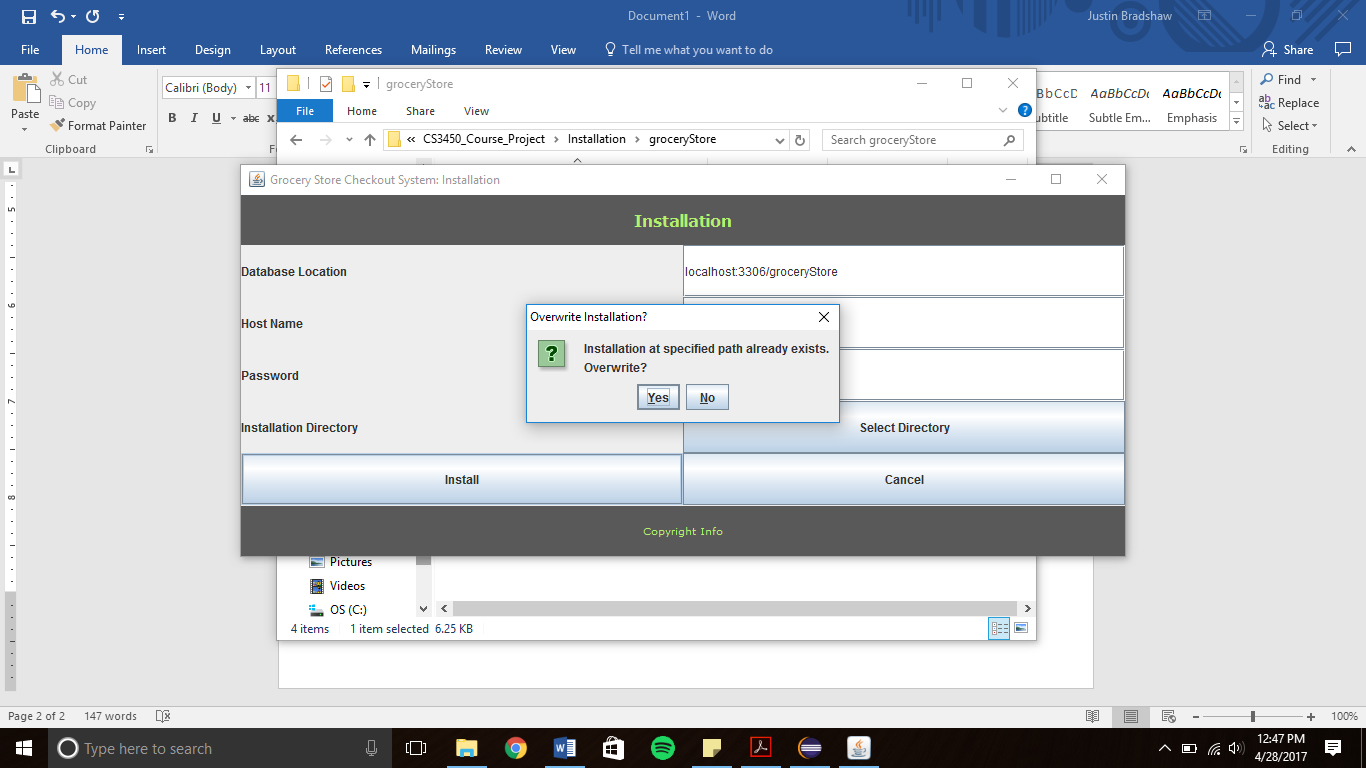


1. The user selects the install button
   1. If they have left any entries empty other than the password, an error message is displayed (if empty directory, empty directory error message is displayed)



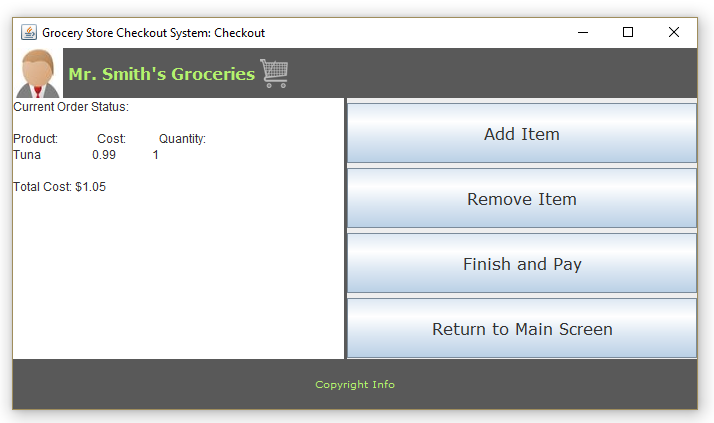
1. If all entries are valid, the installation process completes and a confirmation message appears



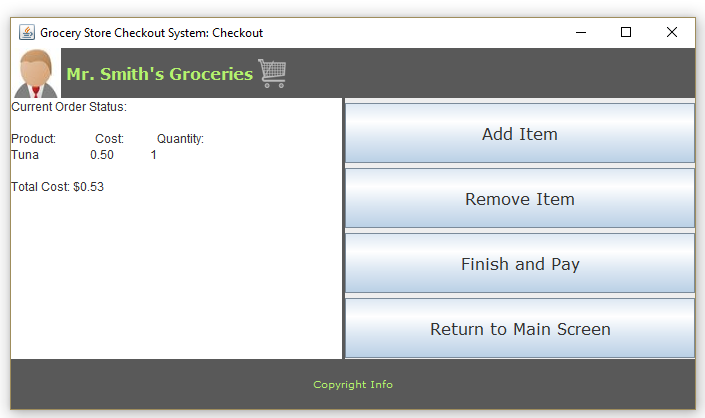
1. If the program already exists at the installation location, the user may select whether or not to override the current installation.

**Use Case: Loyal Program Customers**

1. Repeat steps from Login/out Use Case to login.
2. Repeat steps from Checkout Use Case.
3. At check-out point if the customer is not in the Loyal Program items on sale will be at their normal price.



1. If the customer is in the Loyal Program items on sale will be at a discounted price.

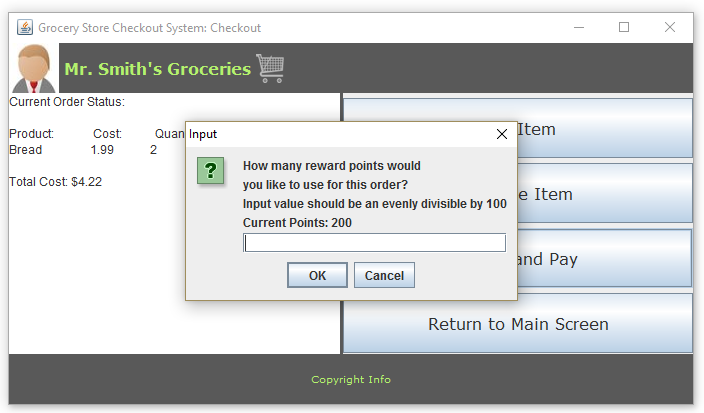


**Use Case: Discount Prices**

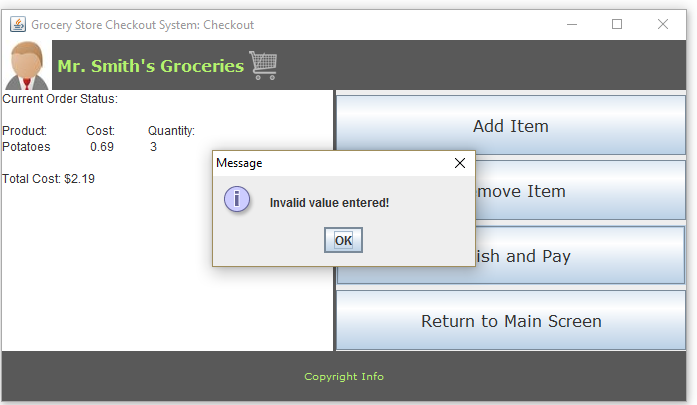
1. Repeat steps from Login/out Use Case to login.
2. System displays main screen

**Use Case: Reward Points**

1. Repeat steps from Login/out Use Case to login.
2. Repeat steps from Checkout Use Case.
3. At check-out point after user clicks on “Finish and Pay” button if Customer is part of the Loyal Program and has earned 100 or more rewards points system will display screen to use reward points.



1. User enters in number of reward points costumer wishes to use.
2. If user enters in a number not evenly divisible by 100 system will display error message



**Use Case: Revenue Reports**

1. Repeat steps from Login/out Use Case to login.