

## Iteration 2 Requirements

### User stories:

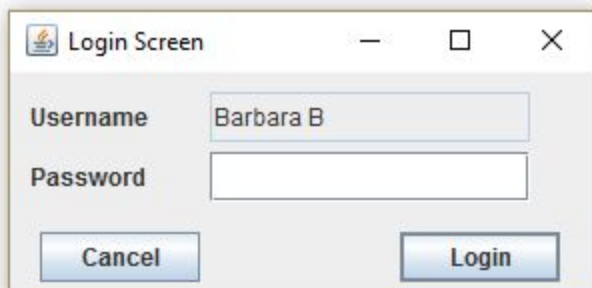
1. As a cashier, I want to check out a list of items bought by a customer
2. As a manager, I want to update the inventory (change price, availability, add new products,...)
3. As an employee, I want to login into and logout from the system
4. As an employee, I want to change my display information (e.g. 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

### Use Case: Login/out

1. System displays the Startup screen.

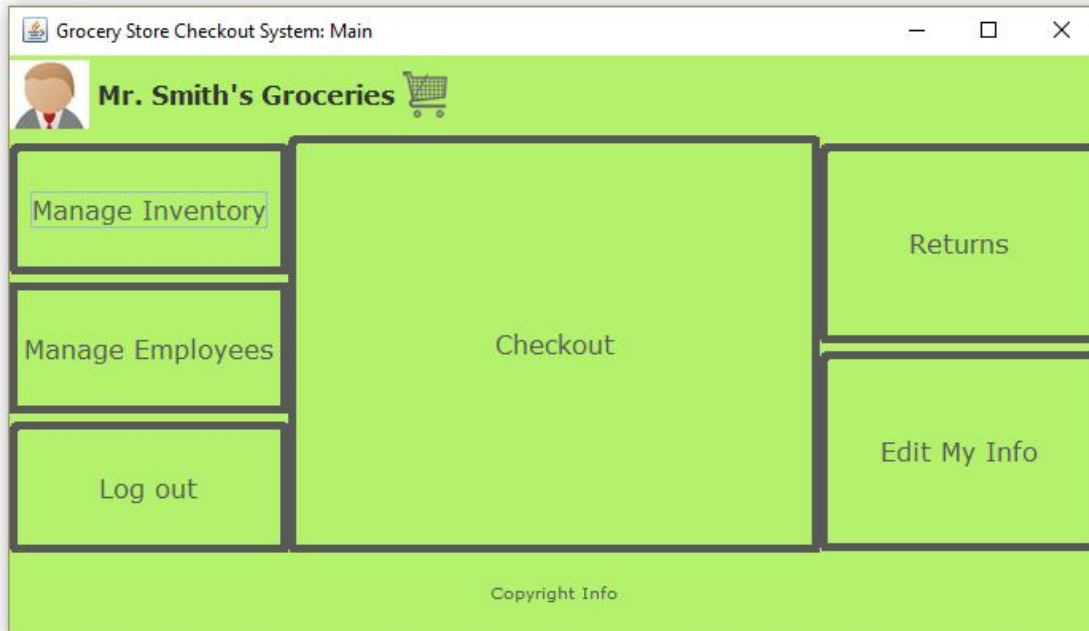


2. User clicks on their login icon.
3. System displays the Login screen.

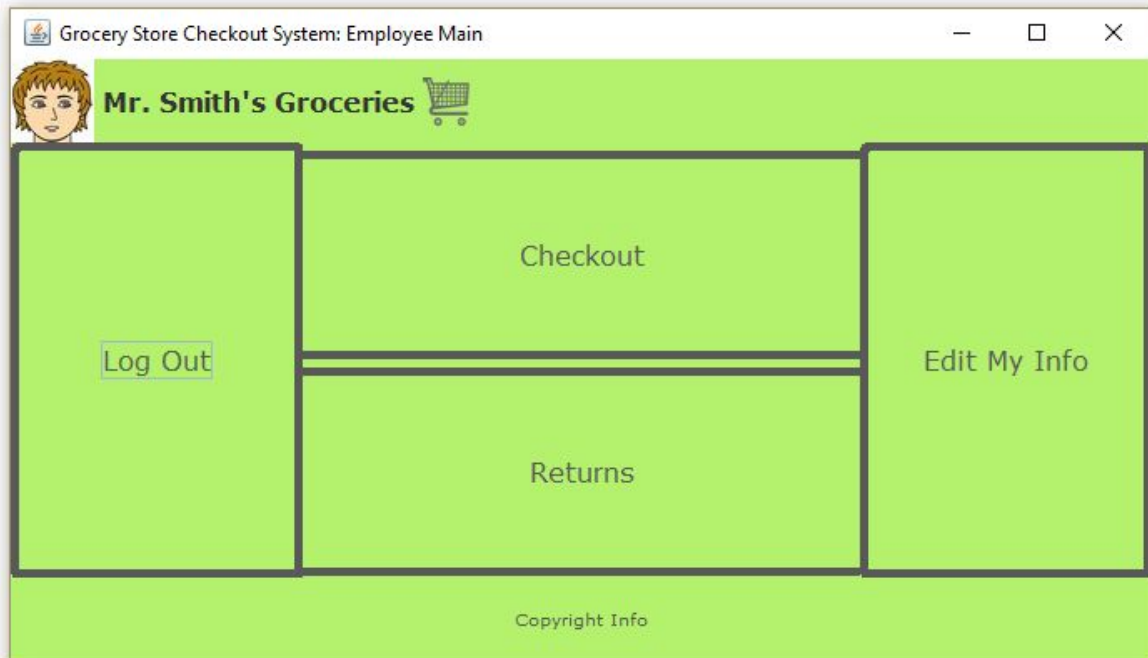


4. User enters in password.

5. If user has access level 1, system displays the Main screen.

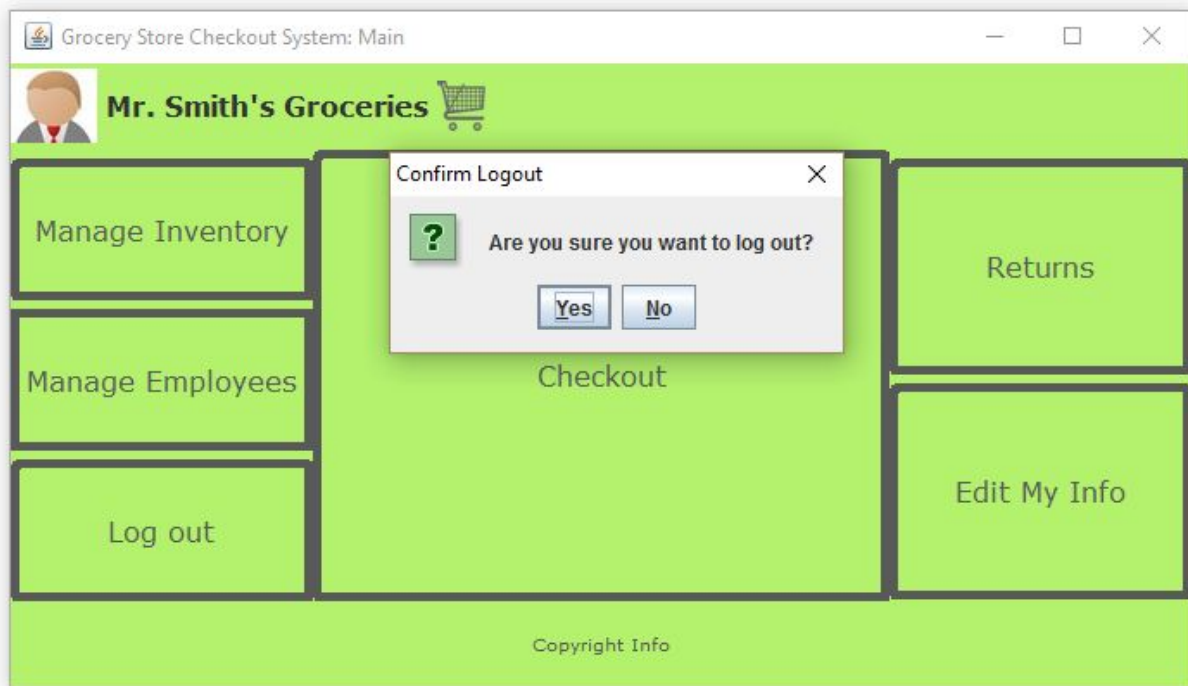


6. If user does not have access level 1, system displays this Main screen.



7. User clicks on "Log out" button.

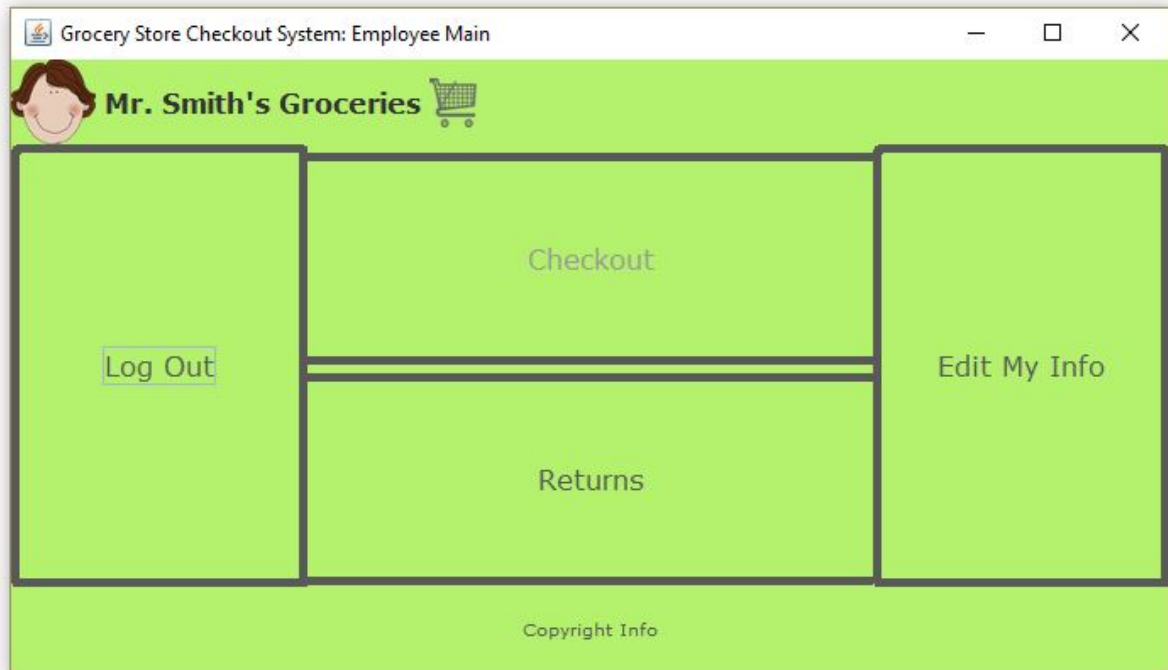
8. System displays a Confirm Logout screen.



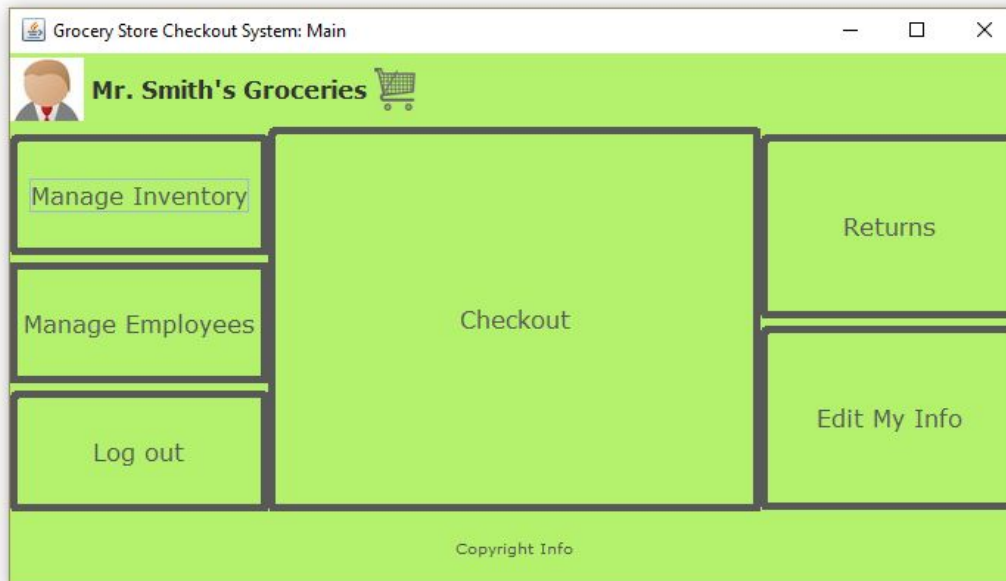
9. User clicks "Yes" button.
10. System returns to Startup screen.

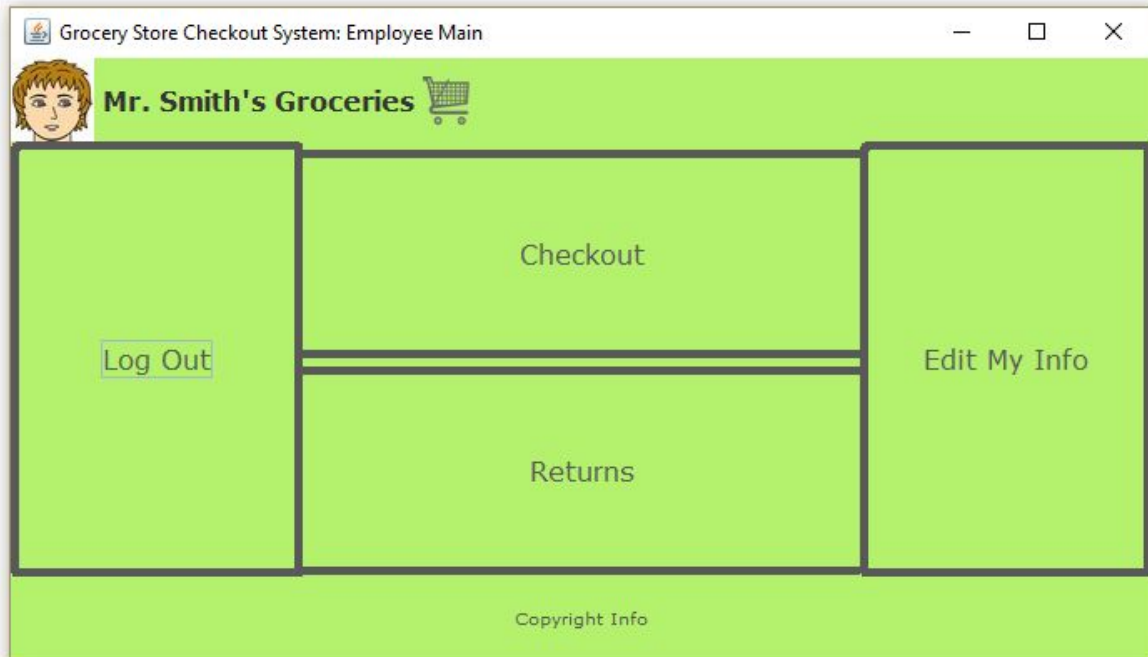
#### **Use Case: Check Out**

1. Repeat steps 1-5 from Login/out Use Case.
2. If user access rights is not 1-3, system will display a Main screen with a disabled Checkout button.

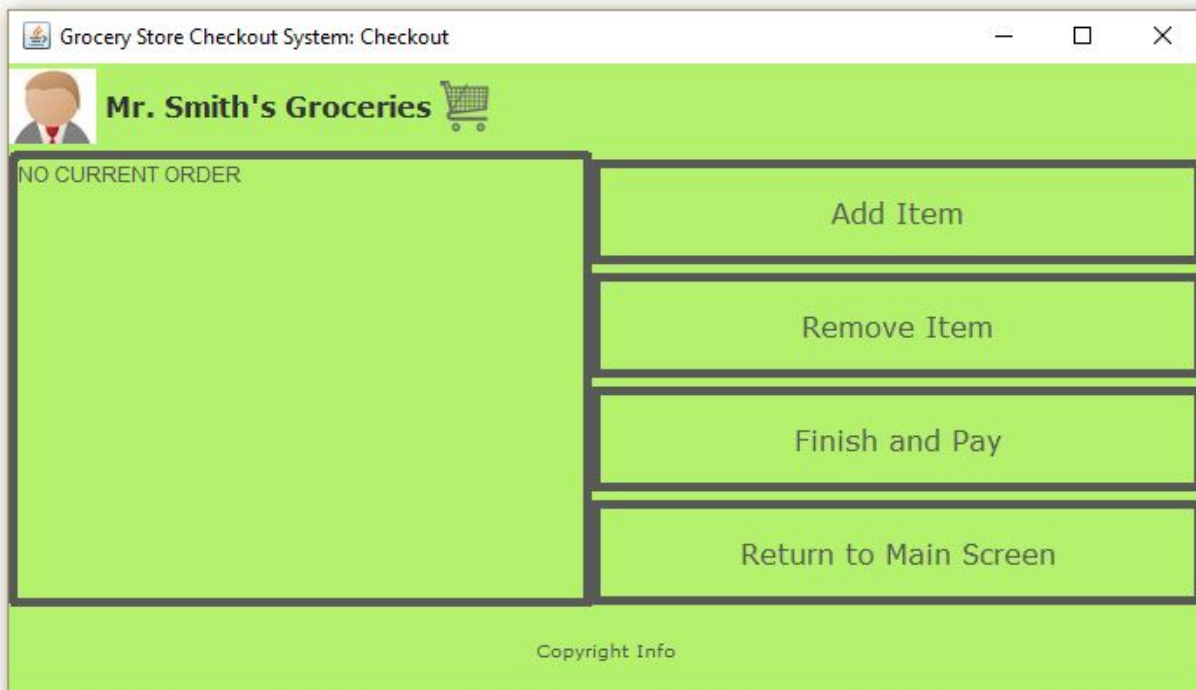


3. If user access rights is 1-3 system will allow user to click on “Checkout” button.





4. System then displays the Checkout screen.



5. User clicks "Add Item" button.
6. System displays Add Item screen.

Grocery Store Checkout System: Add Product

Mr. Smith's Groceries

Pizza	7
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Cancel Add Item

Copyright Info

7. User selects an item and quantity and clicks on “Add item” button to add new item.
8. System updates information of the new item in the list of items.

Grocery Store Checkout System: Checkout

Mr. Smith's Groceries

Current Order Status:

Product:	Cost:	Quantity:
Pizza	7.99	7

Total Cost: \$59.29

Add Item

Remove Item

Finish and Pay

Return to Main Screen

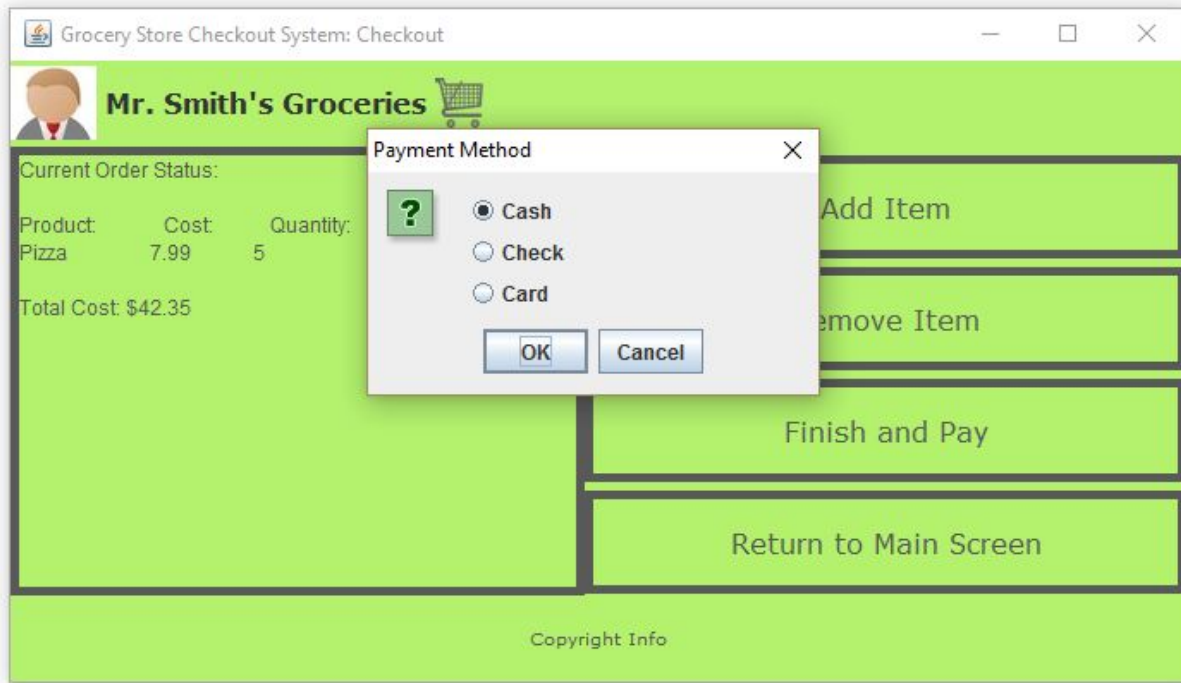
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9. User repeats step 10 for all items.
10. To remove an item user clicks “Remove Item” button.

11. User selects an item and quantity from the list of items and clicks on “Remove Item” button to remove item.

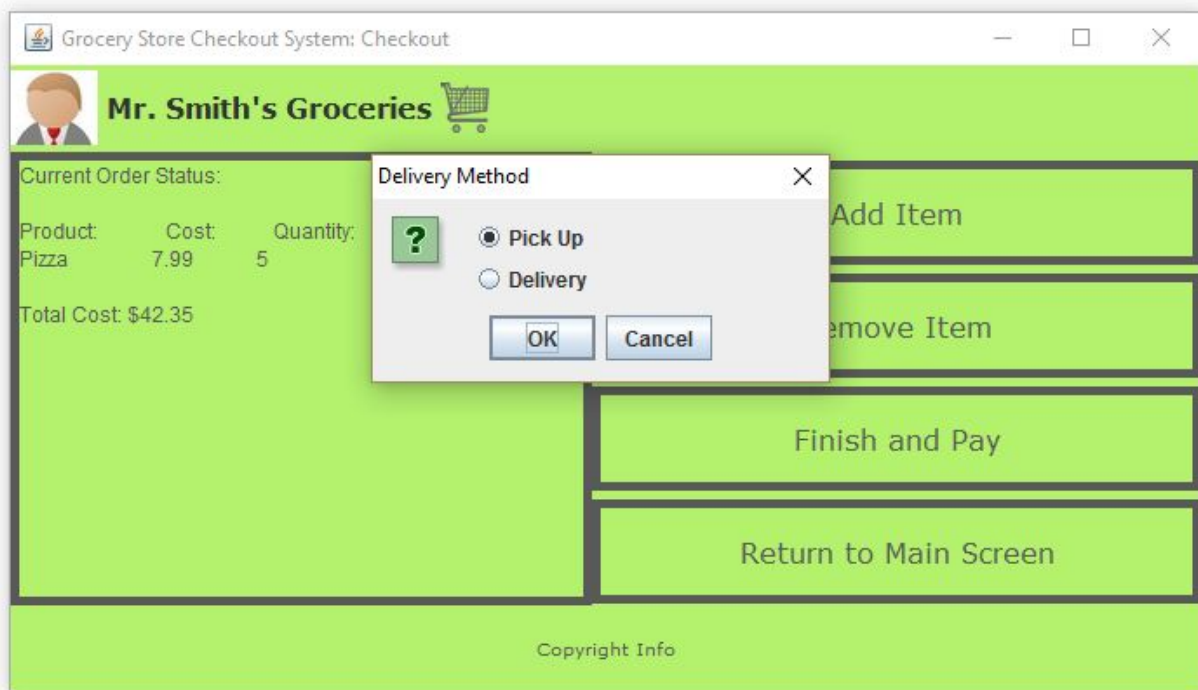


12. User clicks on “Finish and Pay” button.  
13. System displays the Payment Method pop up screen.



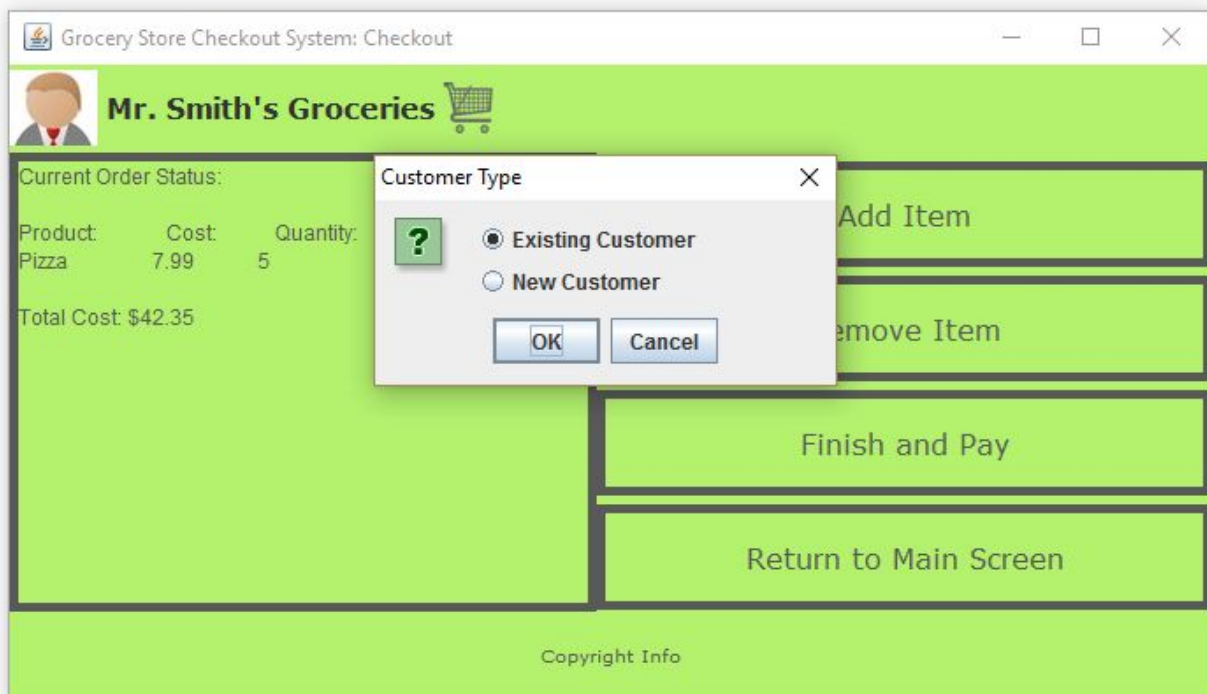
14. User selects payment method.

15. System displays the Delivery Method pop up screen.



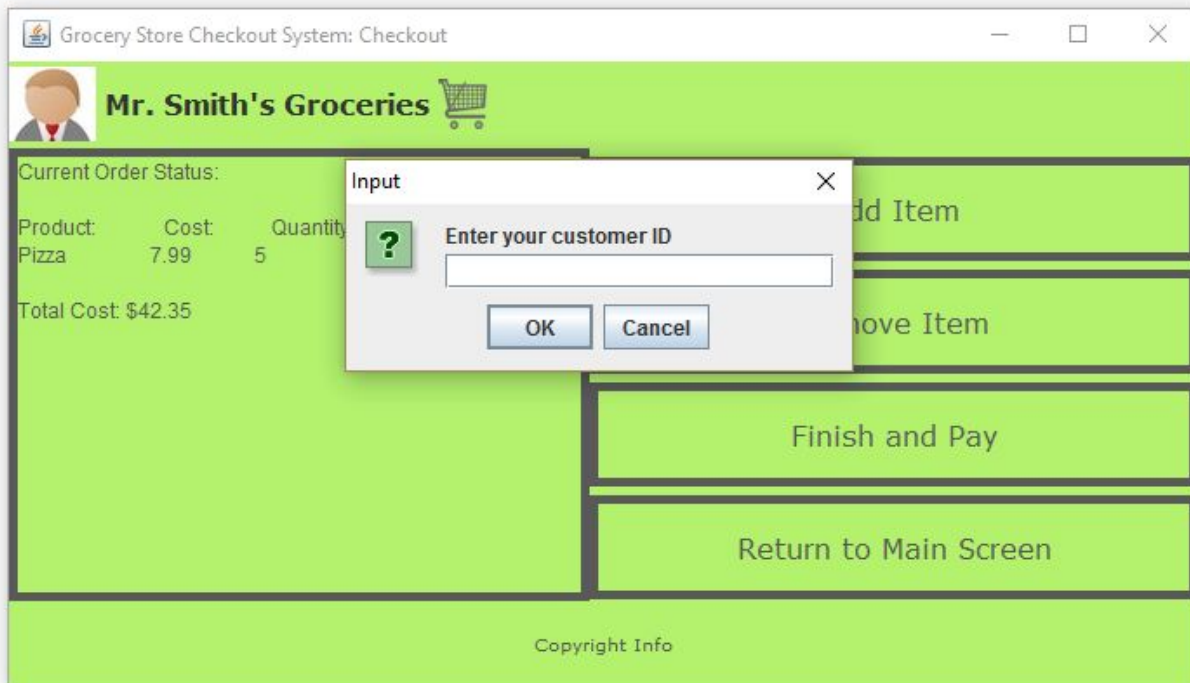
16. User selects delivery method.

17. System displays Customer Type pop up screen.



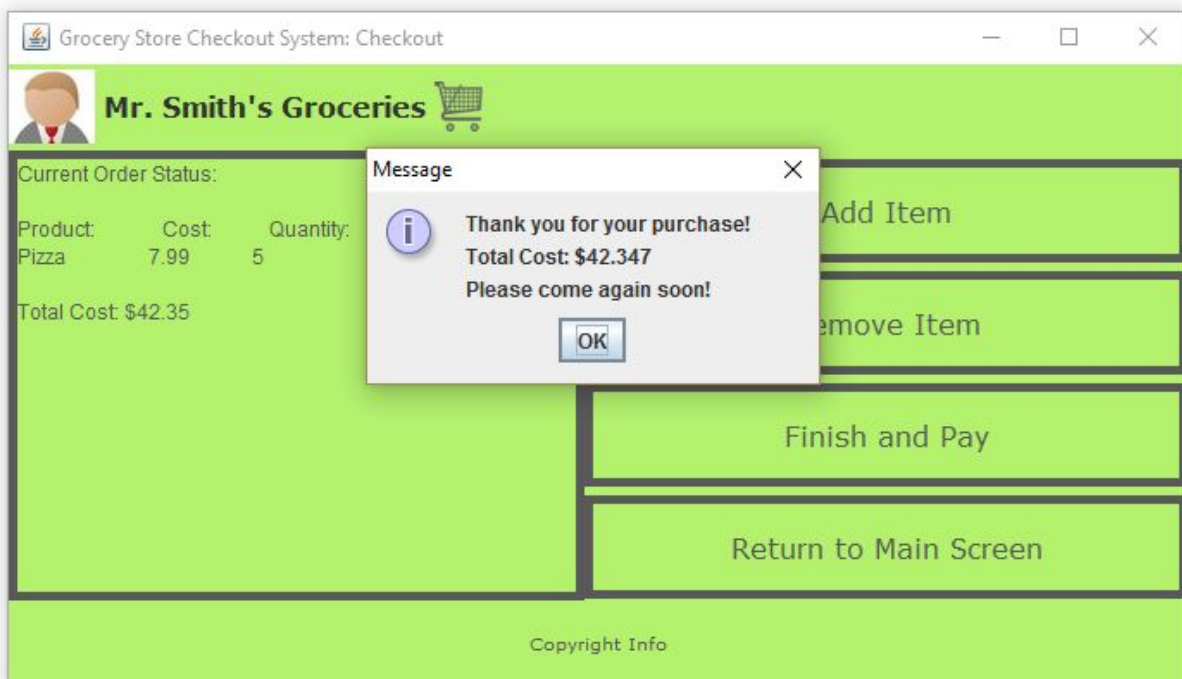


18. If customer already exists in the program system displays pop up to enter in customer ID.

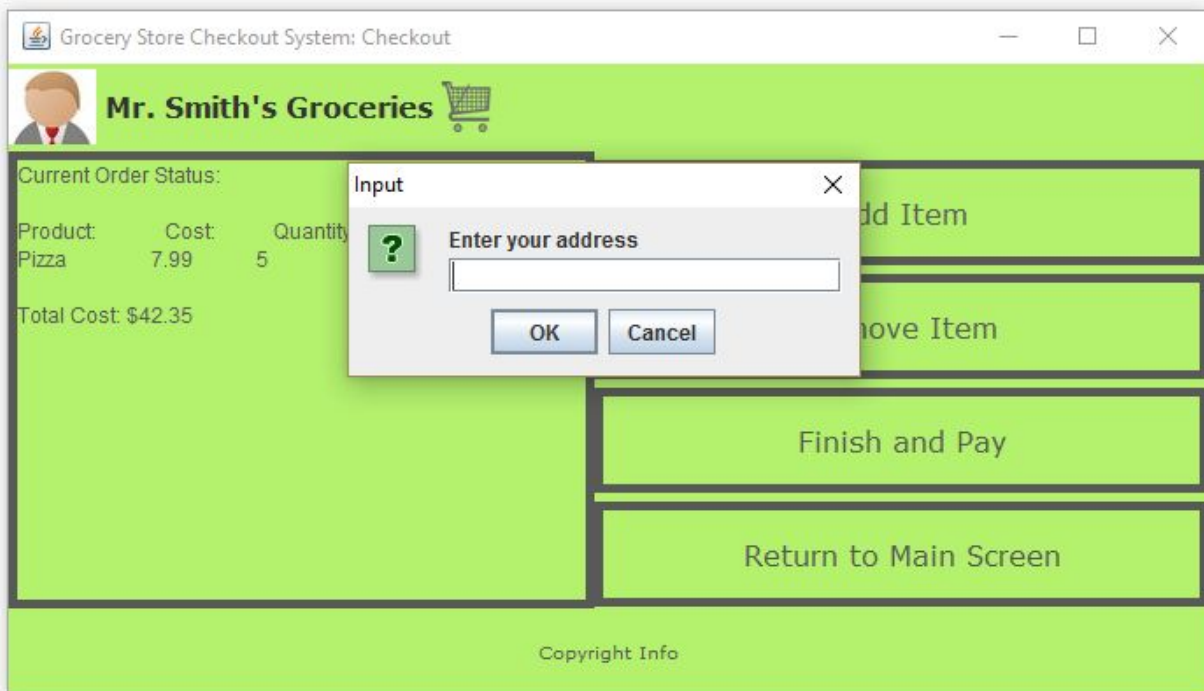
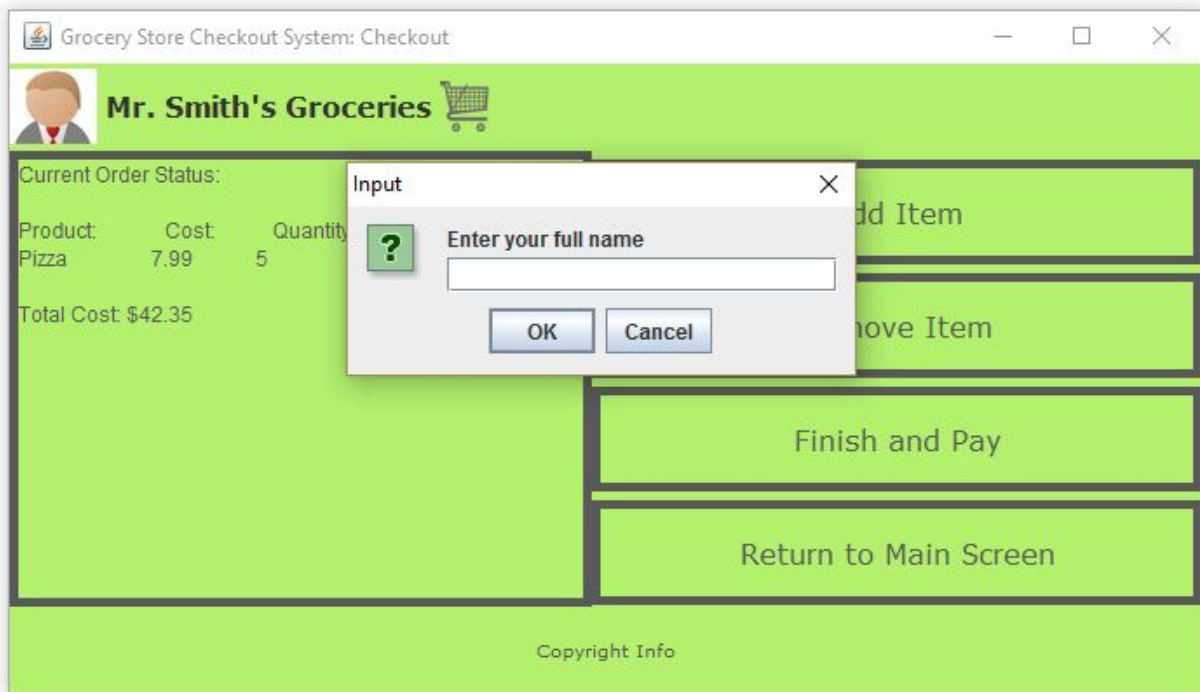


19. User enters in customer ID.

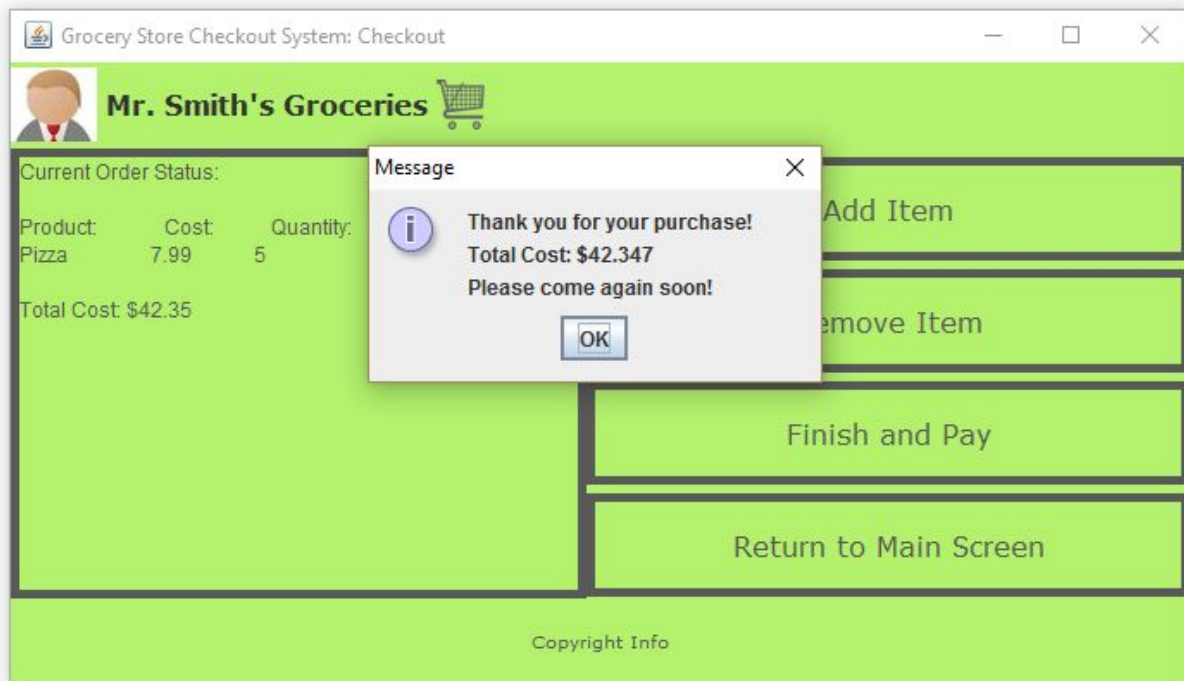
20. System displays price of order and updates customer and order information.



21. If customer doesn't already exist in the program, system displays pop ups to enter in new customer information.

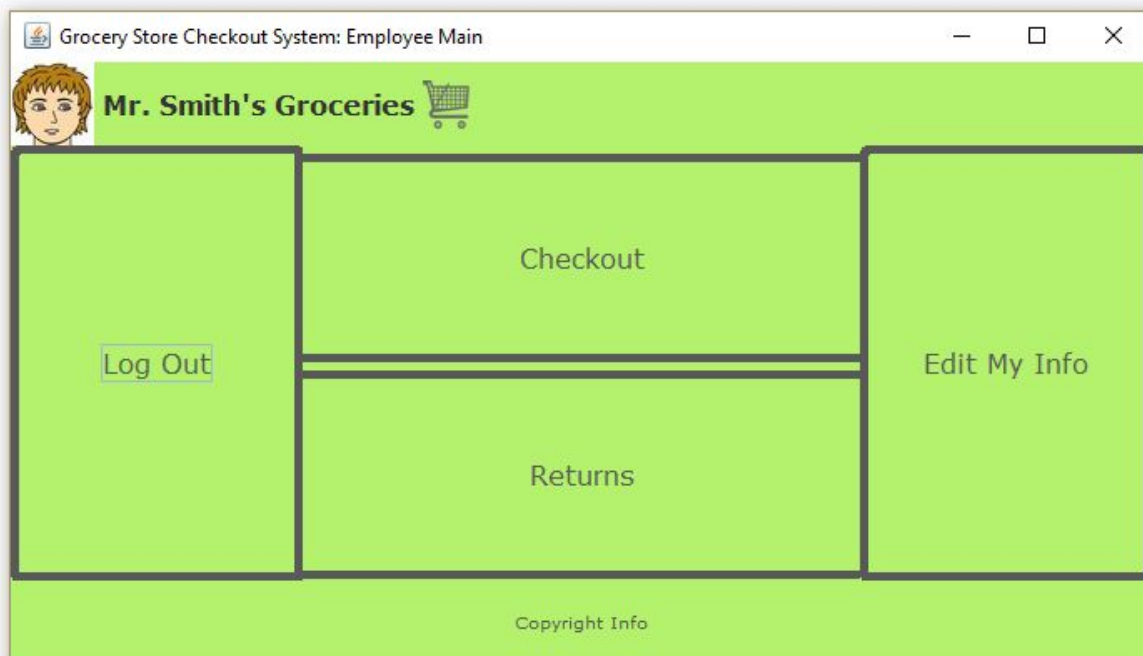


22. System displays price of order and updates customer and order information.

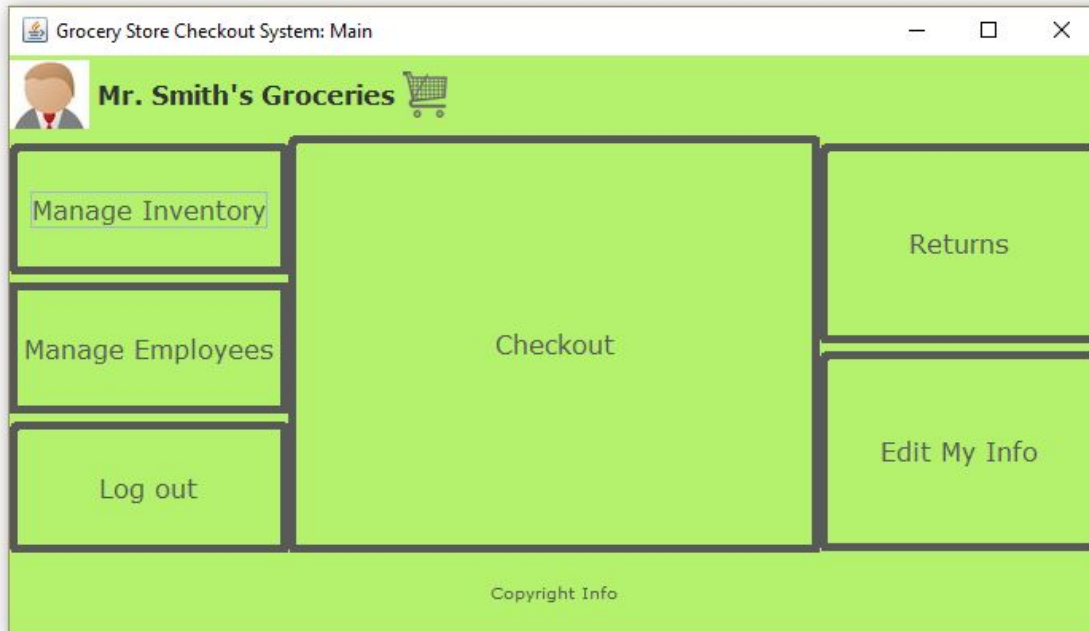


### Use Case: Manage Inventory

1. Repeat steps 1-5 from Login/out Case.
2. If user access rights is not 1 system will display a Main screen without a "Manage Inventory" button.



3. If user access rights is 1 system will display a Main Screen with a “Manage Inventory” button.



4. User clicks on “Manage Inventory” button.
5. System displays Manage Inventory screen.



6. To add a product to the inventory, user clicks “Add Product” button.
7. System displays Add Product screen.

Grocery Store Checkout System: Add New Product

**Mr. Smith's Groceries**

Name	
Quantity	0
Price	
Bardcode Number (10 digits beginning with 1)	
Provider Information	
Provider Name	

Cancel Add Item

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8. User enters in product information and clicks on "Add Item."
9. System updates information of the new item in the inventory.
10. To manage existing products user clicks on "Manage Existing Products" button.
11. System displays Manage Product Screen with a default product to manage.

Grocery Store Checkout System: Manage Existing Products

**Mr. Smith's Groceries**

Pizza

Quantity	21
Price	\$7.99
Bardcode Number (10 digits beginning with 1)	1487596257
Provider Information	123 E 1400 N Logan, Utah 84321 435-753-2121
Provider Name	Little Caesar's Pizza

Cancel Apply Update

Copyright Info

12. User selects which product to manage.
13. System displays information for that product.

Grocery Store Checkout System: Manage Existing Products

Mr. Smith's Groceries

Apple

Quantity	50
Price	\$0.99
Barcode Number (10 digits beginning with 1)	1568494530
Provider Information	568 S 400 S Atlanta, Georgia 48934 895-594-8745
Provider Name	Johnny Appleseed

Cancel Apply Update

Copyright Info

14. User makes necessary changes and clicks on “Apply Update” button.
15. System updates product information.
16. To check product availability user selects “Show Availability” button.
17. System displays list of products and their quantities.

Grocery Store Checkout System: Product Availability

Mr. Smith's Groceries

Apple: 50  
 Banana: 74  
 Coca-Cola: 24  
 Carrots: 13  
 Bread: 12  
 Potatoes: 88  
 Tuna: 39  
 Pizza: 21

Return

Copyright Info

#### Use Case: Change Display Information

1. Repeat steps 1-5 from Login/out Case.

2. User clicks “Edit My Info” button.
3. System displays Edit My Info screen

Grocery Store Checkout System: Edit My Info

Mr. Smith's Groceries

Username (max 30 characters) James R

New Password (max 30 characters, leave empty to retain password)

Icon Url data/handsome\_guy.jpg

Cancel Apply Update

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4. User changes info and clicks on “Apply Update” button.
5. System updates employee information and returns to Main Screen.
6. If user changes their password system displays a confirm password screen.

Grocery Store Checkout System: Edit My Info

Mr. Smith's Groceries

Username (max 30 characters) James S

New Password (max 30 characters, leave empty to retain password)

Icon Url

Cancel Apply Update

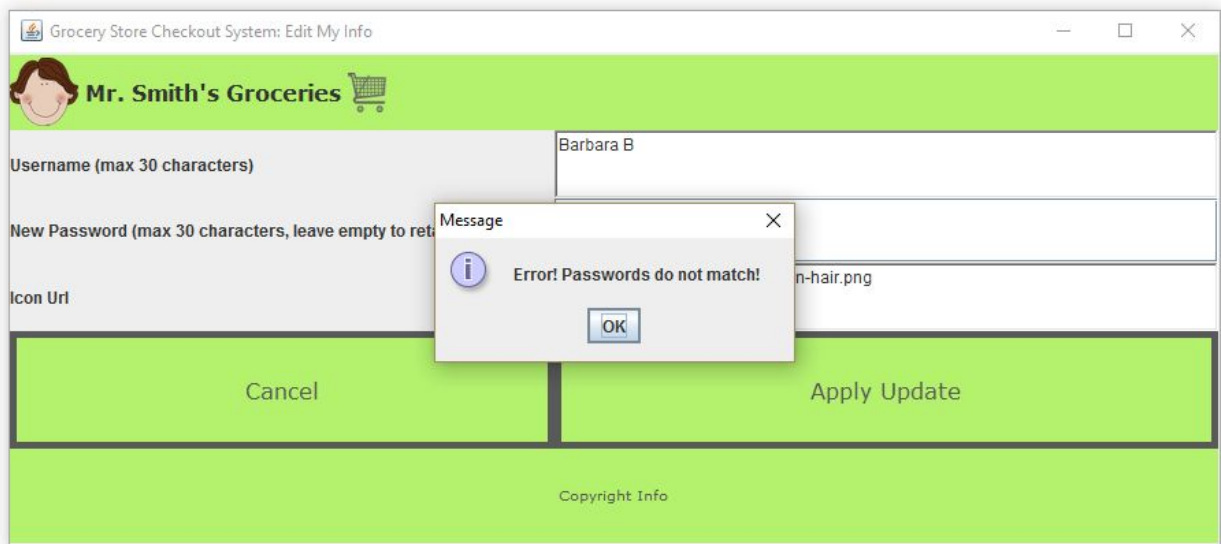
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Confirm new password

OK Cancel

7. User types in new password.
8. If password is wrong system displays error message.

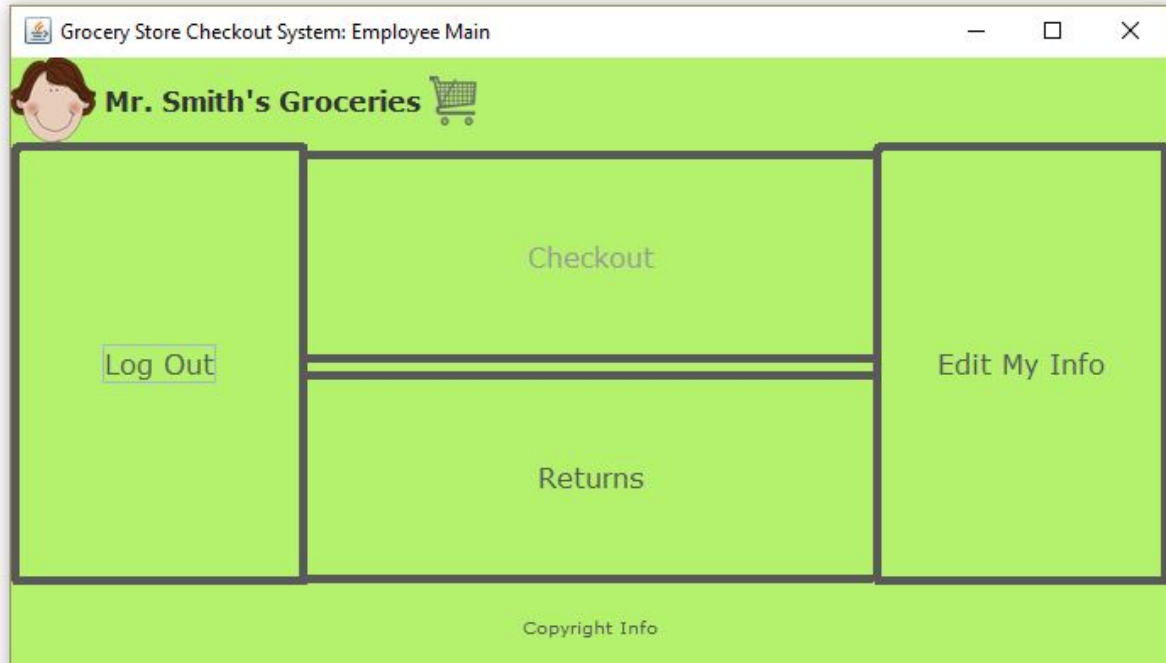




9. If password is correct system updates employee information.

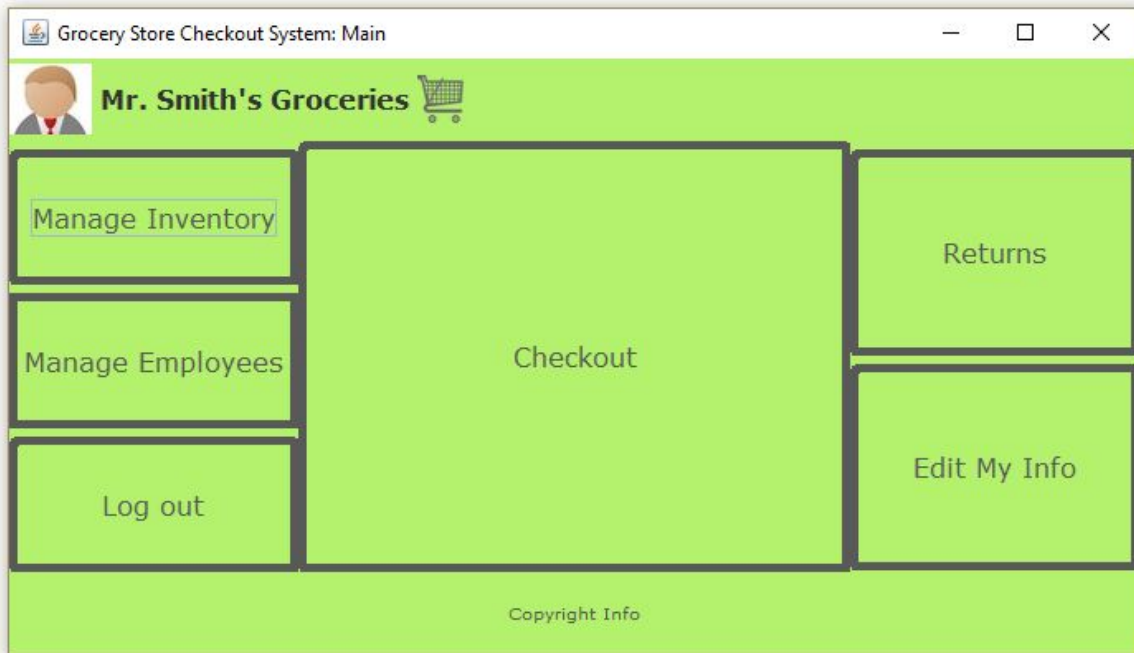
#### Use Case: Change Access Rights

1. Repeat steps 1-5 from Login/out Case.
2. If user access rights is not 1 system will display a Main screen without a "Manage Employees" button.



3. If user access rights is 1 system will display a Main Screen with a "Manage Employees" button.

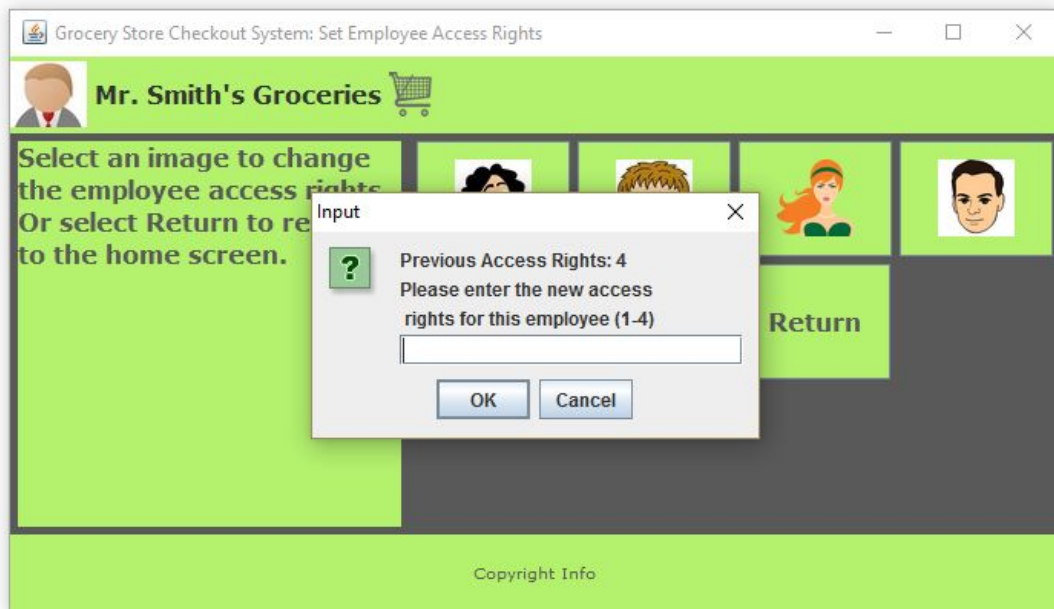




4. User clicks on "Manage Employees" button.
5. System displays the Manage Employees screen.



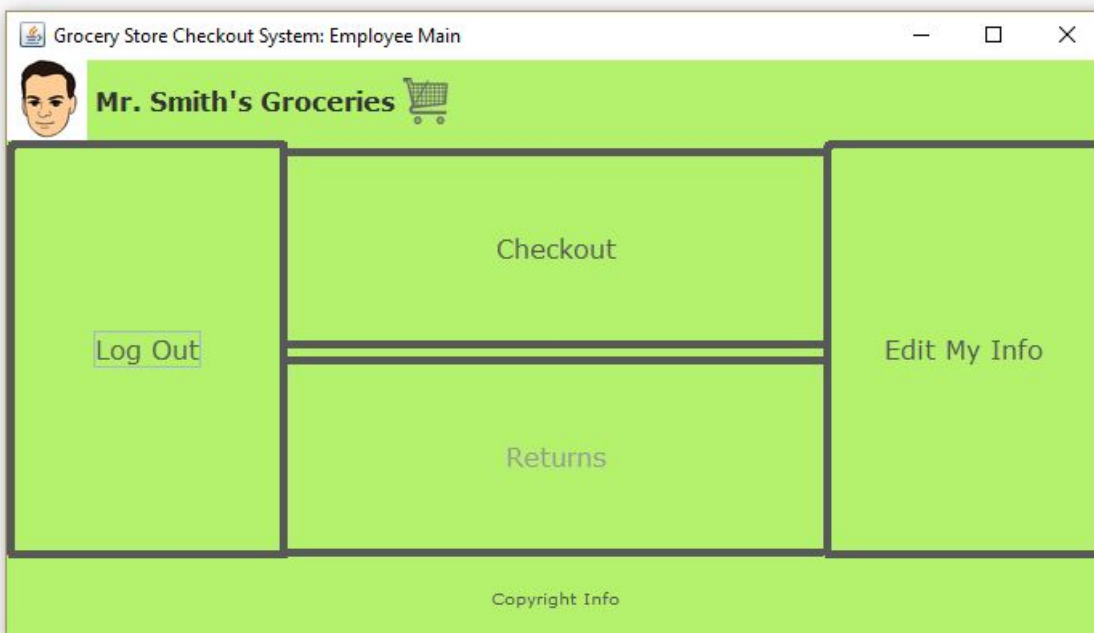
6. User clicks on an employee icon.
7. System displays a change access rights screen.



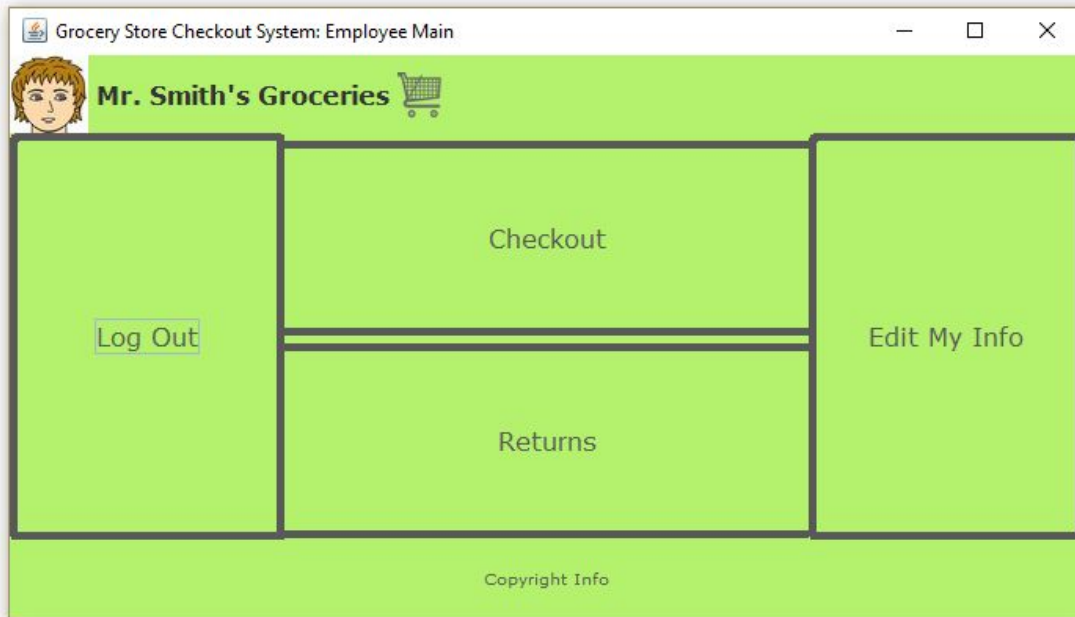
8. User types in new access rights level.
9. System updates employee access rights information.

#### Use Case: Return Items

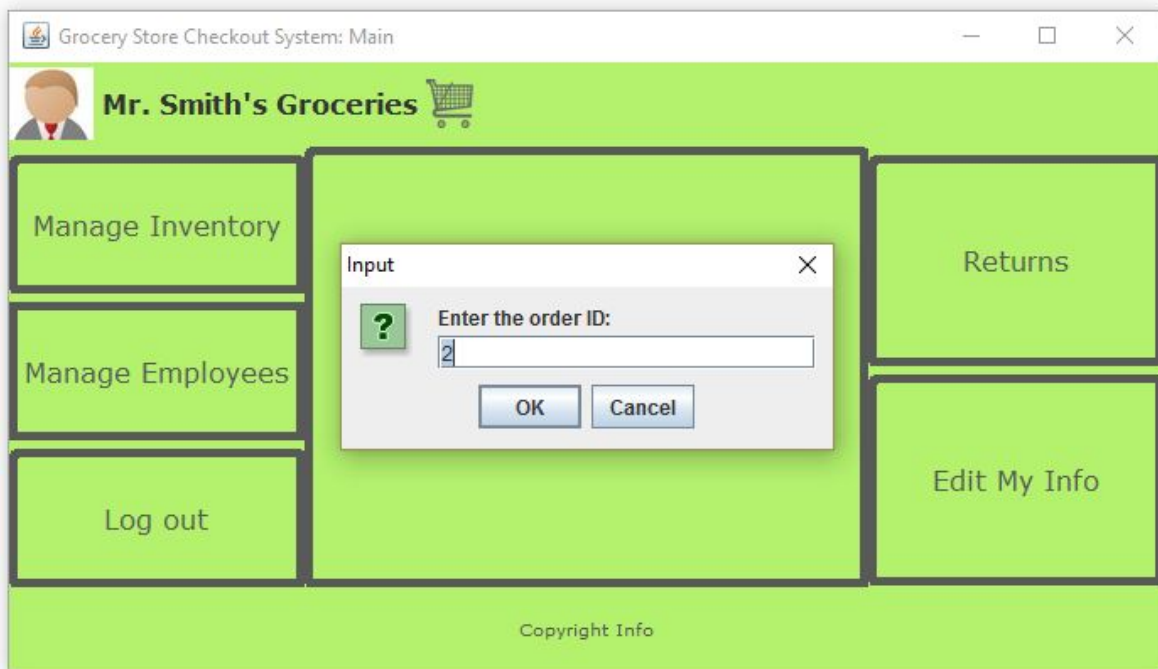
1. Repeat steps 1-5 from Login/out Case.
2. If user access rights is not 1,2 or 4 system will display a Main screen with a disabled "Returns" button.



3. If user access rights is 1, 2 or 4 system will allow user to click on "Returns" button.





4. System then displays Return Order screen.



5. User types in the order number.
6. System displays order information.

Grocery Store Checkout System: Return

 **Mr. Smith's Groceries** 

Current Order Status:

Product:	Cost:	Quantity:
Potatoes	0.69	14
Banana	0.58	4

Total Cost: \$12.70

Edit Order Item



Finish

Cancel

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7. User clicks "Edit Order Item."
8. System displays Input screen.

Grocery Store Checkout System: Return

 **Mr. Smith's Groceries** 

Current Order Status:

Product:	Cost:	Quantity:
Potatoes	0.69	14
Banana	0.58	4

Total Cost: \$12.70


Edit Order Item

Finish

Cancel

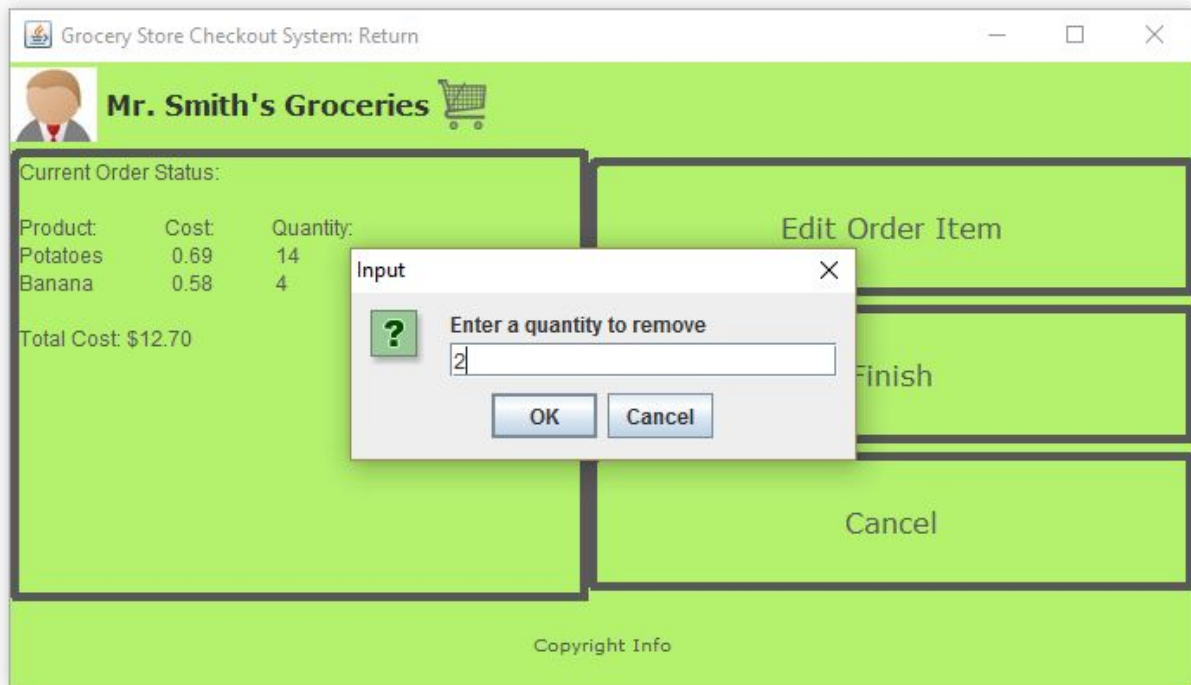
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**Input**

 Enter a product name:

Potatoes

OK Cancel



9. User types in item and quantity they wish to return.
10. System updates order list.
11. User clicks "Finish."
12. System updates order information.