1.) As a user, I want to change my password and/or full name.
2.) As an admin, I want to add a new user into the system.
3.) As an admin, I want to update the type/class of a user into the system (e.g., from cashier to manager).
4.) As a manager, I want to add a new product or update a current product in the system.
5.) As a manager, I want to view a summary report of sales from the system.
6.) As a cashier, I want to add a new customer or update a current customer in the system.
7.) As a cashier, I want to add a new purchase or update a current purchase (only price and quantity) in the system.
8.) As a customer, I want to add a new purchase into the system.
9.) As a customer, I want to view my purchase history into the system.
10.)   As a customer, I want to search for product information (based on name, price) in the system.

Name: Change password as user
Steps:

Actor	System

1. Enter Login information
 	
Login screen:
 	
Username:
 	
Password:
 	
    Login Cancel
	2. Display "Login Successful"
	
	"Login Success" screen:
	
	    Login Successful!
	     Token ID:
	
	    OK Cancel

3. Click edit user button
 	
"UserUI" screen
 	
    [Edit User]
 	
    Cancel
	4. Edit user information
	
	"Edit user" screen:
	
	    User ID:
	    Full Name:
	    Password:
	
	    Ok Cancel

5. Click on "Ok" button	6. Display "Success" screen Success screen: **User Information updated successfully!** **Done Cancel**

Name: Admin Add new user
Steps:

Actor	System
1. Enter Login information Login screen: Username: Password: Login Cancel	2. Display "Login Successful" "Login Success" screen: Login Successful! Token ID: OK Cancel
3. Display Admin UI screen click "Add new user" "AdminUI" screen [Add new user] [Edit existing User] Ok Cancel	4. Display Add new user screen and enter information "Add new User" screen **UserType:** **User ID:** **Full Name:** **Password:** Ok Cancel

5. Click on "Ok" button	6. Display "Success" screen Success screen: **User added successfully!** **Done Cancel**

Name: Admin edit existing user
Steps:

Actor	System
1. Enter Login information Login screen: Username: Password: Login Cancel	2. Display "Login Successful" "Login Success" screen: Login Successful! Token ID: OK Cancel
3. Display Admin UI screen click "Edit existing user" "AdminUI" screen [Add new user] [Edit existing User] Ok Cancel	4. Display Edit existing user screen and enter information "Edit existing User" screen **UserType:** **User ID:** **Full Name:** **Password:** Ok Cancel

5. Click on "Ok" button	6. Display "Success" screen Success screen: **User updated successfully!** **Done Cancel**

Name: Manager Add or update product
Steps:

Actor	System
1. Enter Login information Login screen: Username: Password: Login Cancel	2. Display "Login Successful" "Login Success" screen: Login Successful! Token ID: OK Cancel
3. Display Manager UI screen click "Add new product" "ManagerUI" screen [Add new product] [Edit existing product] [Sales Report] Ok Cancel	4. Display Add new product screen and enter information "Add new product" screen **ProductID:** **Name:** **Price:** **Quantity** Ok Cancel

5. Click on "Ok" button	6. Display "Success" screen Success screen: **Product Added successfully!** **Done Cancel**

Name: Manager view sales report
Steps:

Actor	System

1. Enter Login information
 	
Login screen:
 	
Username:
 	
Password:
 	
          Login   Cancel
	2. Display "Login Successful"
	
	"Login Success" screen:
	
	          Login Successful!
	          Token ID:
	
	          OK Cancel

3. Display Manager UI screen click "Sales Report"
 	
"ManagerUI" screen
 	
[Add new product] [Edit existing product] [Sales Report]
 	
          Ok   Cancel
	4. Display SalesReport screen
	
	"Sales Report" screen
	
	Recent Sales Report Summary
	
	          PurchaseID:
	          CustomerID:
	          Total:
	
	          PurchaseID:
	          CustomerID:
	          Total:
	
	          Ok Cancel

5. Click on "Ok" button	6. Display "Success" screen Success screen: **Sales report viewed successfully!** **Done Cancel**

Name: Cashier Add or update customer
Steps:

Actor	System
1. Enter Login information Login screen: Username: Password: Login Cancel	2. Display "Login Successful" "Login Success" screen: Login Successful! Token ID: OK Cancel

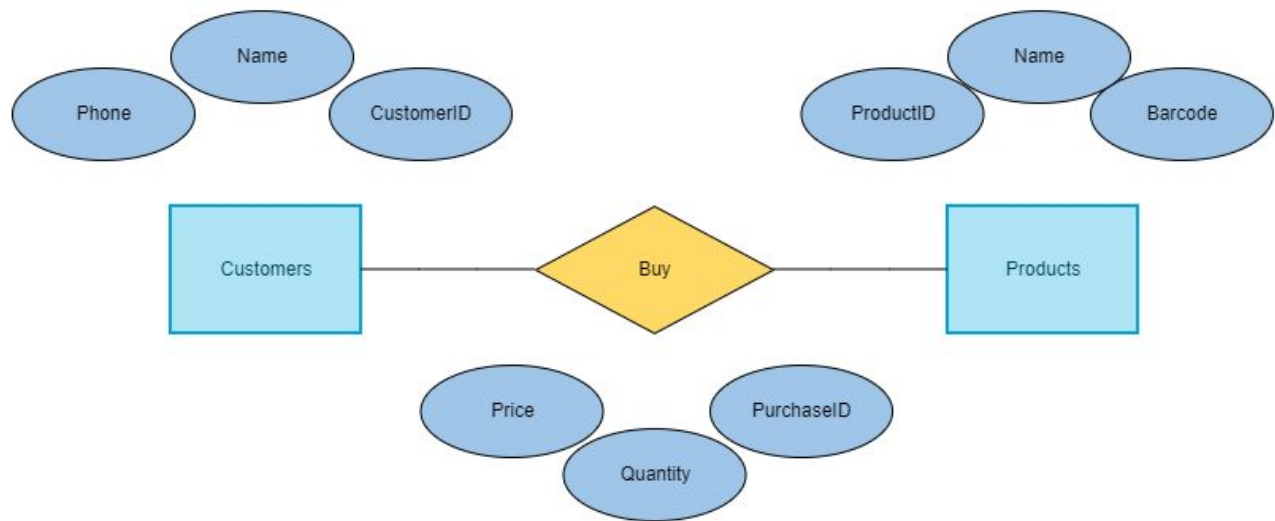|	
3. Display Cashier UI screen click "Add new customer" "CashierUI" screen [Add new Customer] [Edit Customer] [Add Purchase] [Edit Purchase] Ok Cancel	4. Display Add new Customer screen and enter information "Add newCustomer" screen **CustomerID:** **Name:** **Phone:** **Address:** Ok Cancel
5. Click on "Ok" button	6. Display "Success" screen Success screen: **Customer Added successfully!** **Done Cancel**

Name: Cashier Add or update purchase
Steps:

Actor	System
1. Enter Login information Login screen: Username: Password:	2. Display "Login Successful" "Login Success" screen: Login Successful! Token ID:

Login Cancel	OK Cancel
3. Display Cashier UI screen click "Edit Purchase" "CashierUI" screen [Add new Customer] [Edit Customer] [Add Purchase] [Edit Purchase] Ok Cancel	4. Display Edit Purchase screen and enter information "Edit Purchase" screen **PurchaseID:** **CustomerID:** **ProductID:** **Price:** **Quantity:** **Tax:** **Total:** Ok Cancel
5. Click on "Ok" button	6. Display "Success" screen Success screen: **Purchase Updated successfully!** **Done Cancel**

Products(<u>productID</u>,Barcode, name, expiration date, price, quantity, supplier)

Customers(<u>customerID</u>,Name, address, phone, payment info)

Purchase(<u>purchaseID</u>, customerID, productID, date, time, quantity, price, tax, total cost)

```
[Customers] --------- {Purchase} --------- [Products]
-customerID          -PurchaseID   -productID
-Name                -Quantity     -name
-address             -Price        -barcode
-Phone               -Total cost   -expiration date
-Payment info        -Tax          -price
                     -Time         -quantity
                     -Date         -supplier
                     -CustomerID
                     -ProductID
```