

- 1) As a user, I want to change my password and/or full name. (Common Case)

Actor	System
<p>Click Edit Info</p> <p>Username <input type="text"/></p> <p>Password <input type="text"/></p> <p><input type="button" value="Login"/> <input type="button" value="Edit Info"/> <input type="button" value="Logout"/></p>	<p>Display edit info UI</p> <p>Username <input type="text"/></p> <p>Old Password <input type="text"/></p> <p>New Password <input type="text"/></p> <p>Full Name <input type="text"/></p> <p><input type="button" value="Submit"/></p>
<p>Insert info and click submit</p> <p>Username <input type="text" value="david123"/></p> <p>Old Password <input type="text" value="password"/></p> <p>New Password <input type="text" value="newPassword"/></p> <p>Full Name <input type="text" value="David Armstrong"/></p> <p><input type="button" value="Submit"/></p>	<p>Display "User info updated" alert</p>

- 2) As a user, I want to change my password and/or full name. (Exception)

Actor	System
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<p>Click Edit Info</p> <p>Username <input type="text"/></p> <p>Password <input type="text"/></p> <p><input type="button" value="Login"/> <input type="button" value="Logout"/> <input type="button" value="Edit Info"/></p>	<p>Display edit info UI</p> <p>Username <input type="text"/></p> <p>Old Password <input type="text"/></p> <p>New Password <input type="text"/></p> <p>Full Name <input type="text"/></p> <p><input type="button" value="Submit"/></p>
<p>Insert invalid username and click submit</p> <p>Username <input type="text"/></p> <p>Old Password <input type="text" value="password"/></p> <p>New Password <input type="text" value="newPassword"/></p> <p>Full Name <input type="text" value="David Armstrong"/></p> <p><input type="button" value="Submit"/></p>	<p>Display "Error: user not found" alert</p>

3) As an admin, I want to add a new user into the system. (Common Case)

Actor	System
Login as admin (Not going to show the login ui again, this was shown explicitly in project 2)	<p>Display admin ui</p> <p><input type="button" value="Configure System"/> <input type="button" value="Add User"/> <input type="button" value="Delete User"/></p>

<p>Click add user</p> <p> <input type="button" value="Configure System"/> <input type="button" value="Add User"/> <input type="button" value="Delete User"/> </p>	<p>Display Add user ui</p> <p>Username <input type="text"/></p> <p>Password <input type="text"/></p> <p>Full Name <input type="text"/></p> <p>User Type <input type="text"/></p> <p> <input type="button" value="Submit"/> <input type="button" value="Cancel"/> </p>
<p>Enter User info and click submit</p> <p>Username <input type="text" value="newUser1"/></p> <p>Password <input type="text" value="newPassword8989"/></p> <p>Full Name <input type="text" value="Bob Builder"/></p> <p>User Type <input type="text" value="0"/></p> <p> <input type="button" value="Submit"/> <input type="button" value="Cancel"/> </p>	<p>Display "User added successfully" alert</p>

4) As an admin, I want to add a new user into the system. (Exception)

Actor	System
Login as admin	<p>Display admin ui</p> <p> <input type="button" value="Configure System"/> <input type="button" value="Add User"/> <input type="button" value="Delete User"/> </p>
<p>Click add user</p> <p> <input type="button" value="Configure System"/> <input type="button" value="Add User"/> <input type="button" value="Delete User"/> </p>	Display Add user ui

	<div> <div>Username</div> <input type="text"/> </div> <div> <div>Password</div> <input type="password"/> </div> <div> <div>Full Name</div> <input type="text"/> </div> <div> <div>User Type</div> <input type="text"/> </div> <div> <div>Submit</div> <div>Cancel</div> </div>
<p>Enter invalid info and click submit (user type is invalid here)</p> <div> <div>Username</div> <input type="text" value="newUser1"/> </div> <div> <div>Password</div> <input type="password" value="newPassword8989"/> </div> <div> <div>Full Name</div> <input type="text" value="Bob Builder"/> </div> <div> <div>User Type</div> <input type="text" value="8"/> </div> <div> <div>Submit</div> <div>Cancel</div> </div>	<p>Display “Invalid info: user not added” alert</p>

- 5) As an admin, I want to update the type/class of a user into the system (e.g., from cashier to manager). (Common Case)

Actor	System
Login as admin	<p>Display admin ui</p> <div> <div>Configure System</div> <div>Add User</div> <div>Delete User</div> <div>Edit User Permissions</div> </div>
<p>Click edit user permissions</p> <div> <div>Configure System</div> <div>Add User</div> <div>Delete User</div> <div>Edit User Permissions</div> </div>	<p>Display edit user permissions ui</p>

	<p>Username <input type="text"/></p> <p>New User Type <input type="text"/></p> <p><input type="button" value="Submit"/> <input type="button" value="Cancel"/></p>
<p>Enter username of user to update and enter new user type and click submit</p> <p>Username <input type="text" value="user1"/></p> <p>New User Type <input type="text" value="3"/></p> <p><input type="button" value="Submit"/> <input type="button" value="Cancel"/></p>	<p>Display "User permissions updated successfully" alert</p>

- 6) As an admin, I want to update the type/class of a user into the system (e.g., from cashier to manager). (Exception)

Actor	System
Login as admin	<p>Display admin ui</p> <p><input type="button" value="Configure System"/> <input type="button" value="Add User"/> <input type="button" value="Delete User"/></p> <p><input type="button" value="Edit User Permissions"/></p>
<p>Click edit user permissions</p> <p><input type="button" value="Configure System"/> <input type="button" value="Add User"/> <input type="button" value="Delete User"/></p> <p><input type="button" value="Edit User Permissions"/></p>	<p>Display edit user permissions ui</p> <p>Username <input type="text"/></p> <p>New User Type <input type="text"/></p> <p><input type="button" value="Submit"/> <input type="button" value="Cancel"/></p>
Enter invalid username of user to update and enter new user type and click submit	Display "Error: user not found" alert

Username <input type="text" value="invalidUser1"/> New User Type <input type="text" value="3"/> <input type="button" value="Submit"/> <input type="button" value="Cancel"/>	
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- 7) As a manager, I want to add a new product or update a current product in the system (Common Case)

Actor	System
Login as Manager	Display Manager UI <div> <input type="button" value="Manage Products"/> <input type="button" value="Manage Customers"/> <input type="button" value="Manage Purchases"/> </div> <div> <input type="button" value="Sales Report"/> </div>
Click Manage Products <div> <input type="button" value="Manage Products"/> <input type="button" value="Manage Customers"/> <input type="button" value="Manage Purchases"/> </div> <div> <input type="button" value="Sales Report"/> </div>	Display Manage Products UI <div> <input type="button" value="Load Product"/> <input type="button" value="Save Product"/> </div> <div> ProductID <input type="text"/> Name <input type="text"/> Price <input type="text"/> Quantity <input type="text"/> </div>
Load Product Info and edit or enter new product info and click save	Display "Product Saved Successfully" Alert

	<div>Load Product</div> <div>Save Product</div>
ProductID	<div>3</div>
Name	<div>Soup</div>
Price	<div>4</div>
Quantity	<div>1</div>

- 8) As a manager, I want to add a new product or update a current product in the system (Exception)

Actor	System
Login as Manager	Display Manager UI <div> <div>Manage Products</div> <div>Manage Customers</div> <div>Manage Purchases</div> <div>Sales Report</div> </div>
Click Manage Products <div> <div>Manage Products</div> <div>Manage Customers</div> <div>Manage Purchases</div> <div>Sales Report</div> </div>	Display Manage Products UI <div> <div>Load Product</div> <div>Save Product</div> <div>ProductID</div> <div>Name</div> <div>Price</div> <div>Quantity</div> </div>
Load invalid product	Display "Error: Product not found" Alert

	<div>Load Product</div> <div>Save Product</div>	
ProductID	InvalidProductID	
Name		
Price		
Quantity		

- 9) As a manager, I want to view a summary report of sales from the system
(Common Case)

Actor	System
Login As Manager	

- 10)As a manager, I want to view a summary report of sales from the system
(Exception)

- 11)As a cashier, I want to add a new customer or update a current customer in the system (Common Case)

Actor	System
Login as cashier	Display cashier ui <div>Edit/Add Purchase</div> <div>Edit/Add Customer</div>
Click edit/add customer <div>Edit/Add Purchase</div> <div>Edit/Add Customer</div>	Display Edit/Add Customer UI

	<div> <div>Load Customer</div> <div>Save Customer</div> </div> <div> <div>CustomerID</div> <div></div> </div> <div> <div>Name</div> <div></div> </div> <div> <div>Phone</div> <div></div> </div> <div> <div>Address</div> <div></div> </div>
Add customer info and click save <div> <div>Load Customer</div> <div>Save Customer</div> </div> <div> <div>CustomerID</div> <div>17</div> </div> <div> <div>Name</div> <div>Bill</div> </div> <div> <div>Phone</div> <div>3348889999</div> </div> <div> <div>Address</div> <div>1 Dug St</div> </div>	Display "Customer Saved Successfully" alert

12) As a cashier, I want to add a new customer or update a current customer in the system (Exception)

Actor	System
Login as cashier	Display cashier ui <div> <div>Edit/Add Purchase</div> <div>Edit/Add Customer</div> </div>
Click edit/add customer <div> <div>Edit/Add Purchase</div> <div>Edit/Add Customer</div> </div>	Display Edit/Add Customer UI

	<div> <div>Load Customer</div> <div>Save Customer</div> </div> <div> <div>CustomerID</div> <div></div> </div> <div> <div>Name</div> <div></div> </div> <div> <div>Phone</div> <div></div> </div> <div> <div>Address</div> <div></div> </div>
Load invalid customer <div> <div>Load Customer</div> <div>Save Customer</div> </div> <div> <div>CustomerID</div> <div>InvalidID</div> </div> <div> <div>Name</div> <div></div> </div> <div> <div>Phone</div> <div></div> </div> <div> <div>Address</div> <div></div> </div>	Display "Error: Can't load customer" alert

13)As a cashier, I want to add a new purchase or update a current purchase (only price and quantity) in the system (Common Case)

Actor	System
Login as Cashier	Display Cashier UI <div> <div>Edit/Add Purchase</div> <div>Edit/Add Customer</div> </div>
Click edit/add purchase <div> <div>Edit/Add Purchase</div> <div>Edit/Add Customer</div> </div>	Display edit/add purchase ui

	<div> <div>Load Purchase</div> <div>Save Purchase</div> </div> <div> <div>PurchaseID</div> <div>CustomerID</div> <div>ProductID</div> <div>Price</div> <div>Quantity</div> <div>Cost</div> <div>Tax</div> <div>Total</div> </div>
Enter info and click add <div> <div>Load Purchase</div> <div>Save Purchase</div> </div> <div> <div>PurchaseID</div> <div>CustomerID</div> <div>ProductID</div> <div>Price</div> <div>Quantity</div> <div>Cost</div> <div>Tax</div> <div>Total</div> </div>	Display "Purchase added successfully" alert

14)As a cashier, I want to add a new purchase or update a current purchase (only price and quantity) in the system (Exception)

Actor	System
Login as Cashier	Display Cashier UI

	<div>Edit/Add Purchase</div> <div>Edit/Add Customer</div>
Click edit/add purchase <div>Edit/Add Purchase</div> <div>Edit/Add Customer</div>	Display edit/add purchase ui <div>Load Purchase</div> <div>Save Purchase</div> <div>PurchaseID</div> <div>CustomerID</div> <div>ProductID</div> <div>Price</div> <div>Quantity</div> <div>Cost</div> <div>Tax</div> <div>Total</div>
Enter invalid customerid <div>Load Purchase</div> <div>Save Purchase</div> <div>PurchaseID</div> <div>CustomerID</div> <div>ProductID</div> <div>Price</div> <div>Quantity</div> <div>Cost</div> <div>Tax</div> <div>Total</div>	Display "Error: Invalid Customer ID" alert

15) As a customer, I want to add a new purchase into the system (Common Case)

Actor	System
Login as Customer	Display Customer UI <div> <div>Make Purchase</div> <div>View Purchase History</div> <div>Cancel a Purchase</div> <div>Search Product</div> </div>
Click Make Purchase <div> <div>Make Purchase</div> <div>View Purchase History</div> <div>Cancel a Purchase</div> <div>Search Product</div> </div>	Display Make Purchase UI <div> <div>Load Purchase</div> <div>Save Purchase</div> </div> <div> <div>PurchaseID</div> <div>CustomerID</div> <div>ProductID</div> <div>Price</div> <div>Quantity</div> <div>Cost</div> <div>Tax</div> <div>Total</div> </div>
Enter Purchase Info and click save <div> <div>Load Purchase</div> <div>Save Purchase</div> </div> <div> <div>PurchaseID</div> <div>CustomerID</div> <div>ProductID</div> <div>Price</div> <div>Quantity</div> <div>Cost</div> <div>Tax</div> <div>Total</div> </div> <div> <div>3</div> <div>2</div> <div>4</div> <div>5.99</div> <div>1</div> <div>5.99</div> <div>0</div> <div>5.99</div> </div>	Display "Purchase saved successfully" alert

16)As a customer, I want to add a new purchase into the system (Exception)

Actor	System
Login as Customer	Display Customer UI <div><div>Make Purchase</div><div>View Purchase History</div><div>Cancel a Purchase</div><div>Search Product</div></div>
Click Make Purchase <div><div>Make Purchase</div><div>View Purchase History</div><div>Cancel a Purchase</div><div>Search Product</div></div>	Display Make Purchase UI <div><div>Load Purchase</div><div>Save Purchase</div></div> <div><div>PurchaseID</div><div>CustomerID</div><div>ProductID</div><div>Price</div><div>Quantity</div><div>Cost</div><div>Tax</div><div>Total</div></div>
Enter invalid purchase id	Display “Error: Invalid Input” alert

18) As a customer, I want to search for product information (based on name, price) in the system (Common Case) -- there's only one case as there is no interaction beyond just clicking the search product button

Actor	System
Login as Customer	Display Customer UI <div>Make Purchase View Purchase History Cancel a Purchase Search Product</div>
Click Search Product	Display Search Product UI <div>PurchaseID ProductID Product Name Total</div>