

COPM 7700 Project2

After the first implementation of the store management system, we want to redesign it as a multi-user system with a client/server architecture. We can start by rewriting the user stories:

- 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 cashier, I want to add a new customer or update a current customer in the system.
- 6. As a cashier, I want to add a new purchase or update a current purchase (only price and quantity) in the system.
- 7. As a customer, I want to add a new purchase into the system.
- 8. As a customer, I want to view my purchase history into the system.
- 9. As a customer, I want to search for product information (based on name, price) in the system.

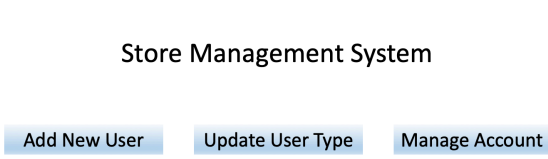
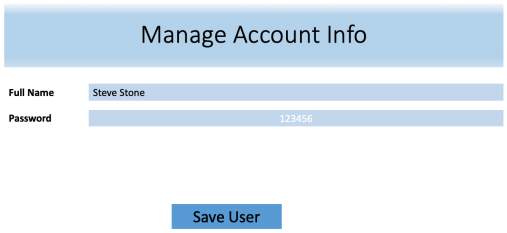
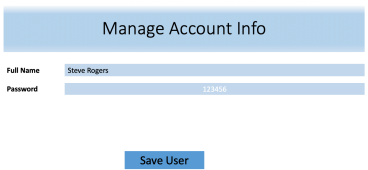
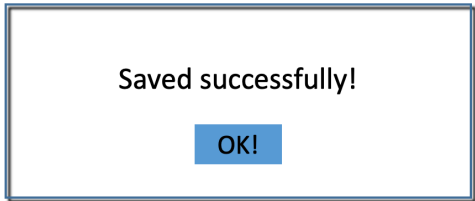
Tasks:

Rewrite a common use case for each user story. Sketch the screens the system should display in each use case.

Design the screens (UI windows and widgets) the system should display in each use case.





1. As a user, I want to change my password and/or full name.

Steps:

Actor	System
<p>1. Click button "Mange Account" Main screen</p> 	<p>2. Display "Manage Account" Screen "Manage Account" screen :</p> 
<p>3. Input data then click button "Manage Account" "Manage Account" screen with input data:</p> 	<p>4. Hide "Manage Account" screen and display an alert "Saved successfully!"</p> 


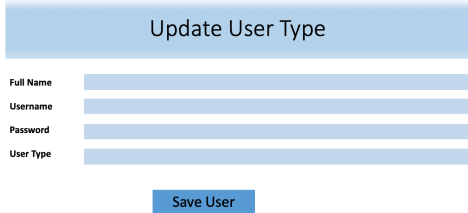
5. Click “OK”	6. Display Main screen
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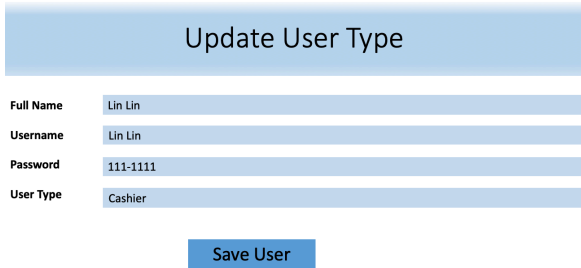
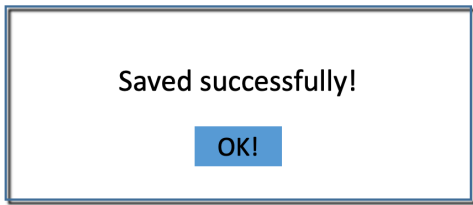
2. As an admin, I want to add a new user into the system.

Actor	System
<p>1. Click button “Add New User”</p> <p>Main screen</p> <p>Store Management System</p> 	<p>2. Display “Add New User” Screen</p> <p>“Add New User” screen:</p> 
<p>3. Fill the information then click button “Save User”</p> <p>“Add New User” screen with input data:</p> 	<p>4. Hide “Add New User” screen and display an alert “Saved successfully!”</p> 
5. Click “OK”	6. Display Main screen


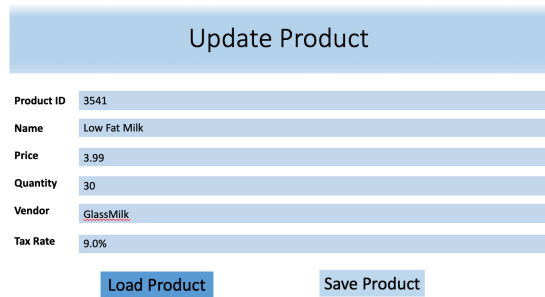

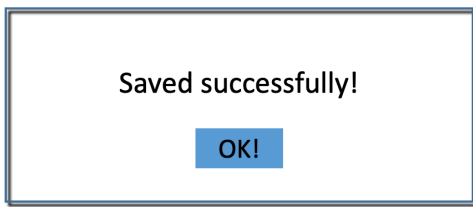
3. As an admin, I want to update the type/class of a user into the system (e.g., from cashier to manager).

Steps:

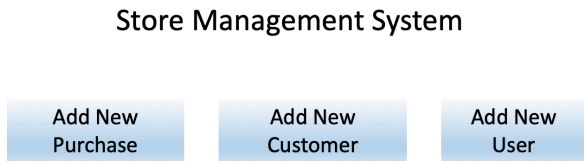
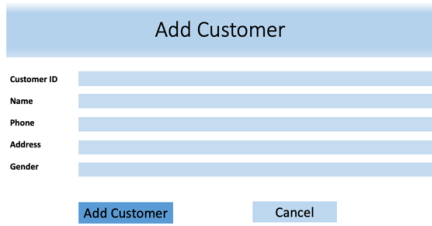


Actor	System
<p>1. Click button “Update User Type”</p> <p>Main screen</p> <p>Store Management System</p> 	<p>2. Display “Update User Type” Screen</p> <p>“Add Customer” screen:</p> 

<p>3. Change the type to “Cashier” then click button “Update User Type”</p> <p>“Update User Type” screen with input data:</p> 	<p>4. Hide “Update User Type” screen and display an alert “Saved successfully!”</p> 
5. Click “OK”	6. Display Main screen


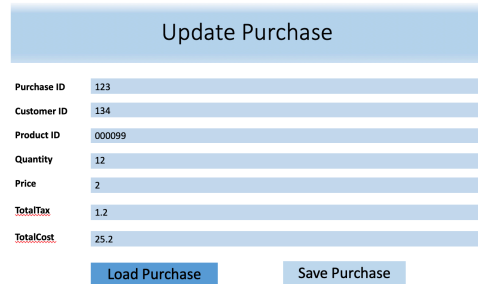
4. As a manager, I want to add a new product or update a current product in the system.
Steps:

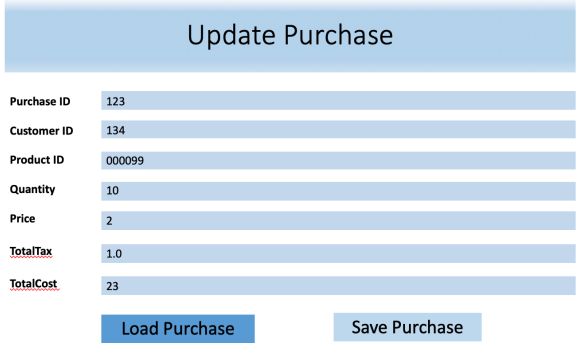

Actor	System
<p>1. Click button “Manage Product”</p> <p>Main screen</p> 	<p>2. Display “Manage Product” Screen</p> <p>“Manage Product” screen:</p> 
<p>3. Update the product’s price then click button “Manage Product”</p> <p>“Manage Product” screen with input data:</p> 	<p>4. Hide “Manage Product” screen and display an alert “Saved successfully!”</p> 
5. Click “OK”	6. Display Main screen

5. As a cashier, I want to add a new customer or update a current customer in the system.
Steps:

Actor	System
<p>1. Click button “Add New Customer” Main screen</p> 	<p>2. Display “Add New Customer” Screen “Add New Customer” screen :</p> 
<p>3. Fill the information then click button “Save Customer” “Add New Customer” screen with input data:</p> 	<p>4. Hide “Add New Customer” screen and display an alert with the error message “Saved successfully!”</p> 
5. Click “OK”	6. Display Main screen

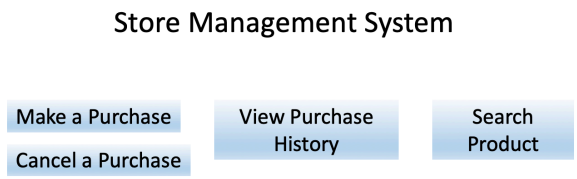
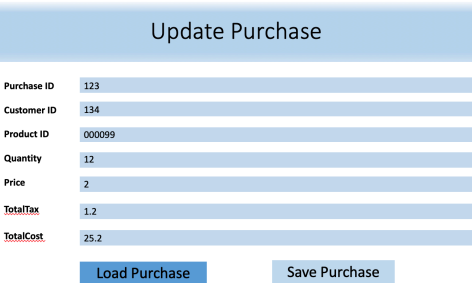
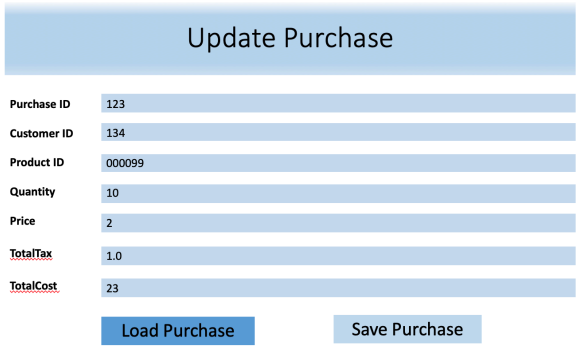
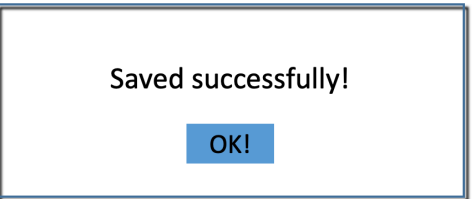
6. As a cashier, I want to update a current purchase (only price and quantity) in the system.
steps:

Actor	System
<p>1. Click button “Add Purchase” Main screen</p> 	<p>2. Display “Add Purchase” Screen “Add Purchase” screen:</p> 
<p>3. Update the quantity then click button “Add Purchase” “Add Purchase” screen with input data:</p>	<p>4. Hide “Add Purchase” screen and display an alert with an error message “Saved successfully!”</p>

	
5. Click “OK”	6. Display Main screen

7. As a customer, I want to add a new purchase into the system.

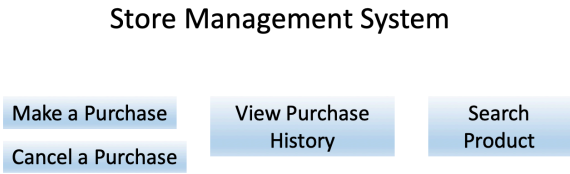

Steps:

Actor	System
<p>1. Click button “Add Purchase” Main screen</p> 	<p>2. Display “Add Purchase” Screen “Add Purchase” screen:</p> 
<p>3. Update the quantity then click button “Add Purchase” “Add Purchase” screen with input data:</p> 	<p>4. Hide “Add Purchase” screen and display an alert with an error message “Saved successfully!”</p> 
5. Click “OK”	6. Display Main screen

8. As a customer, I want to view my purchase history into the system.

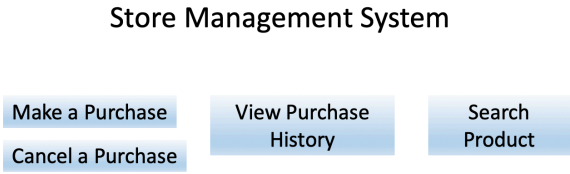

Steps:

Actor	System
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<p>1. Click button “View Purchase History” Main screen</p> 	<p>2. Display “View Purchase History” Screen “View Purchase History” screen:</p> 
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9. As a customer, I want to search for product information (based on name, price) in the system.

Steps:

Actor	System
<p>1. Click button “Search product” Main screen</p> 	<p>2. Display “Search product” Screen “Search product” screen:</p> 
<p>3. Searching products with key word “Apple” “Add Purchase” screen with input data:</p> 