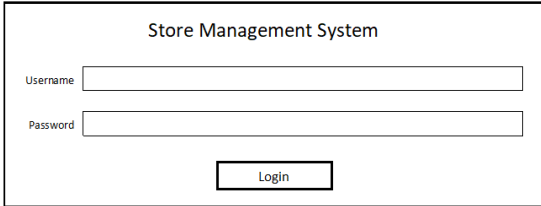
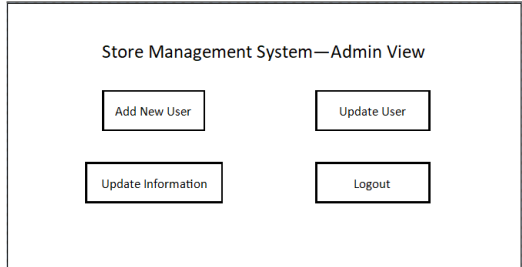
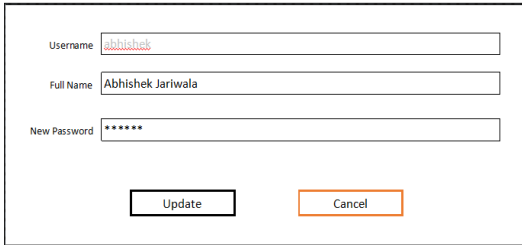
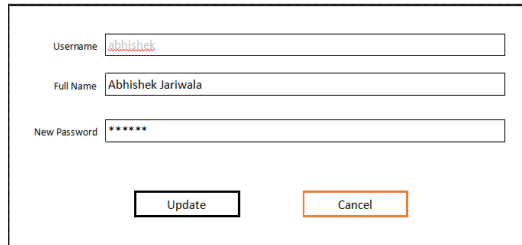
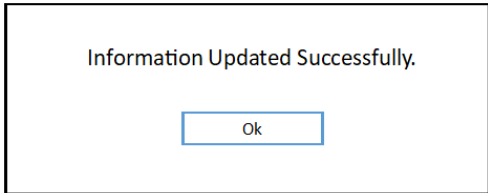


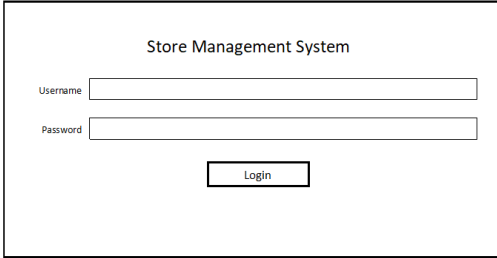
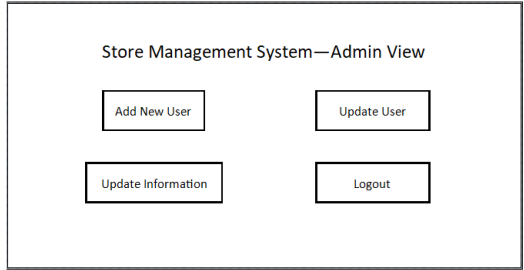
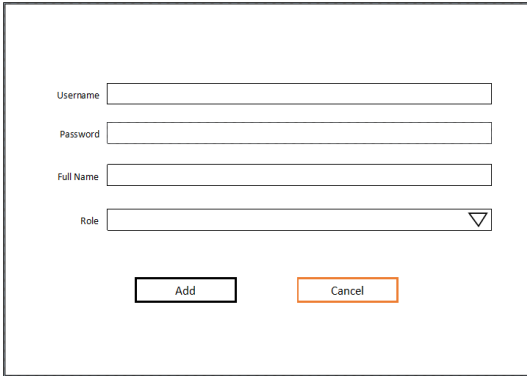
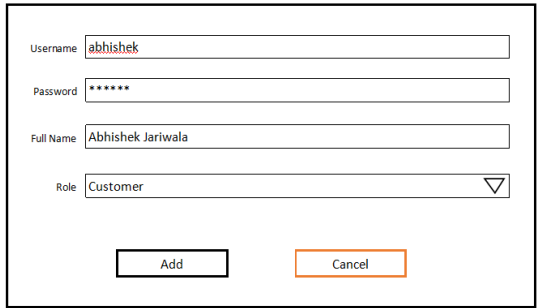
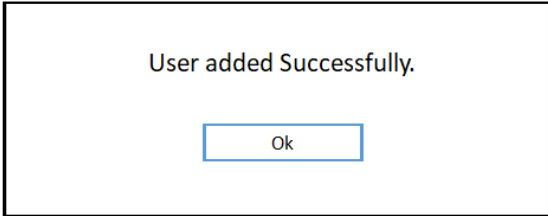
Use Case 1: (FOR CUSTOMER, CASHIER, MANAGER or ADMIN)

User wants to change password and/or name.

Actor	Action
<p>1. User will enter username and password and click “Login”</p> 	<p>2. User will see Main screen depending on User Type (Here, Admin view)</p> 
<p>3. User will click “Update Information”</p> 	<p>4. Edit name and/or password and click “Update”</p> 
<p>5. Show Confirmation</p> 	

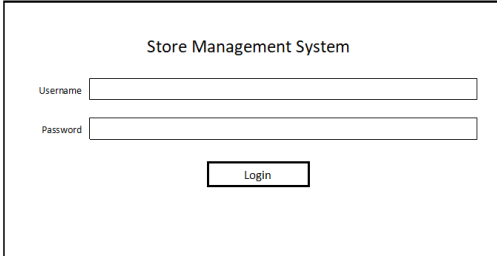
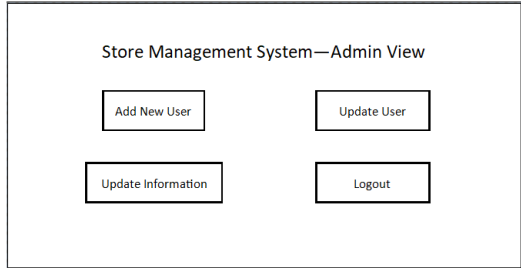
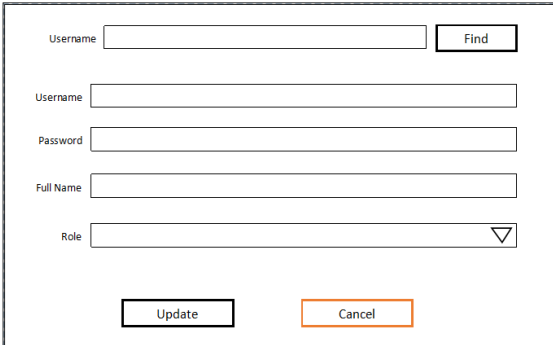
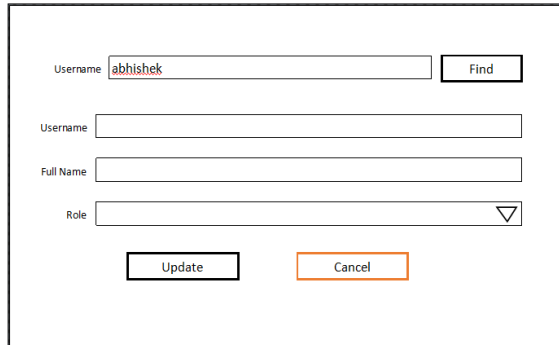
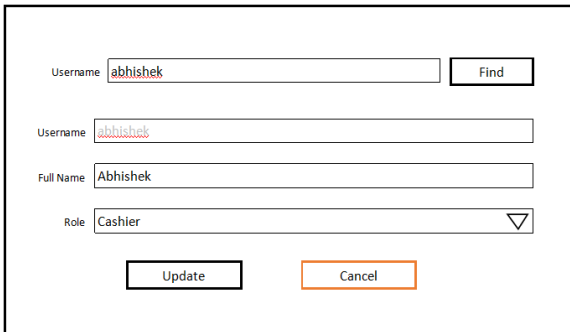
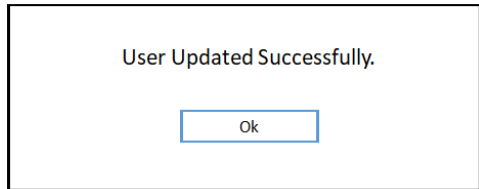
Use Case 2: (FOR ADMIN ONLY)

Admin wants to add new User.

Actor	Action
<p>1. Admin will enter username and Password and click “Login”</p> 	<p>2. Admin will see the Home screen</p> 
<p>3. Click “Add new user”</p> 	<p>4. Admin will enter new data</p> 
<p>5. Admin will see the confirmation</p> 	

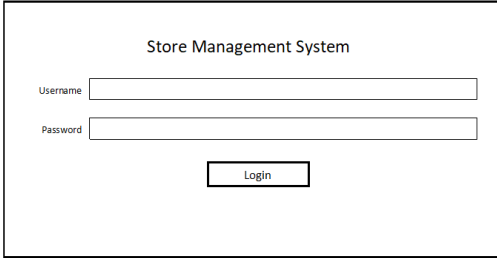
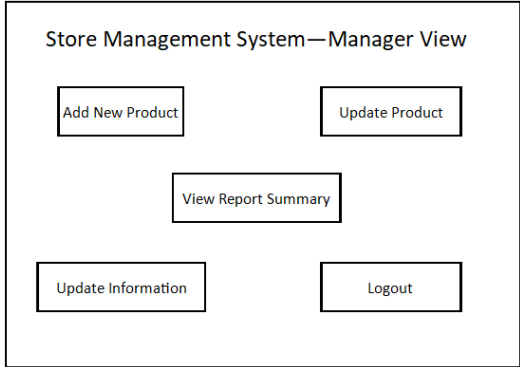
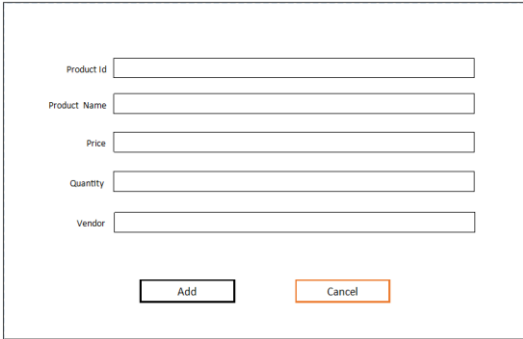
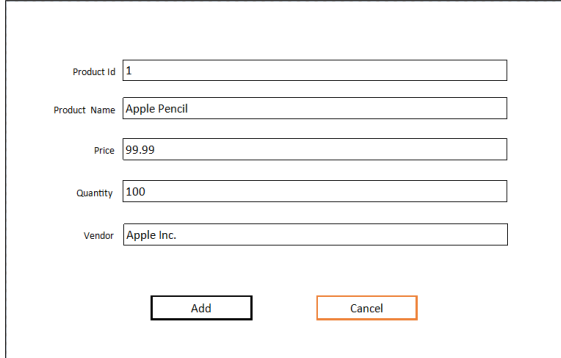
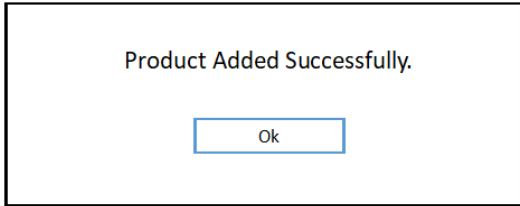
Use Case 3: (FOR ADMIN ONLY)

Admin wants to update the user role.

Actor	Action
<p>1. Admin will enter username and Password and click “Login”</p>  <p>The login form is titled 'Store Management System'. It contains two input fields: 'Username' and 'Password'. Below these fields is a 'Login' button.</p>	<p>2. Admin will see the Home screen</p>  <p>The home screen is titled 'Store Management System—Admin View'. It contains four buttons: 'Add New User', 'Update User', 'Update Information', and 'Logout'.</p>
<p>3. Click “Update User”</p>  <p>The 'Update User' form contains five input fields: 'Username', 'Password', 'Full Name', and 'Role' (a dropdown menu). There are 'Find', 'Update', and 'Cancel' buttons.</p>	<p>4. Admin will enter username and click “Find”</p>  <p>The 'Find user' form contains three input fields: 'Username', 'Full Name', and 'Role' (a dropdown menu). There are 'Find', 'Update', and 'Cancel' buttons.</p>
<p>5. Admin will update data and click “Update”</p>  <p>The 'Updated user' form is similar to the 'Update User' form, but the 'Role' dropdown is set to 'Cashier'. It contains 'Update' and 'Cancel' buttons.</p>	<p>6. Show Confirmation</p>  <p>The confirmation dialog is titled 'User Updated Successfully.' and contains an 'Ok' button.</p>

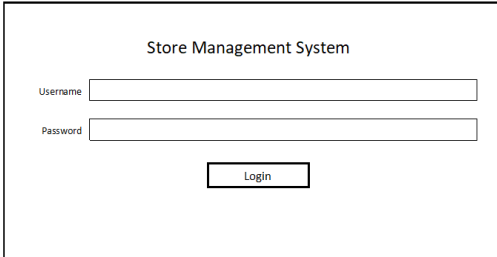
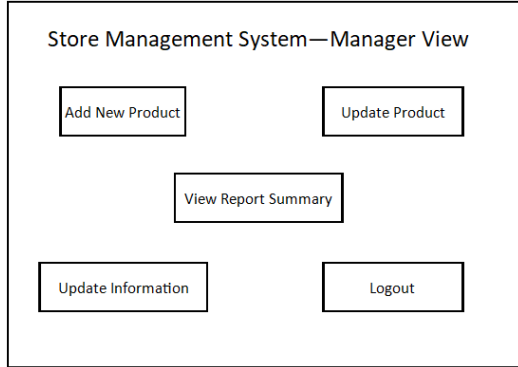
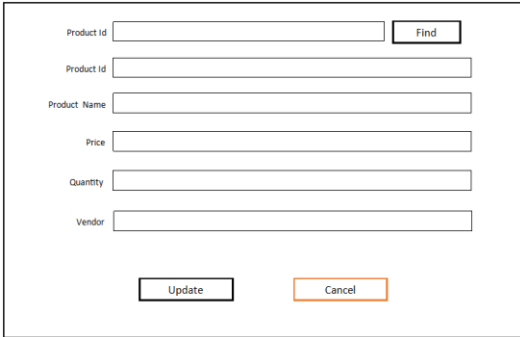
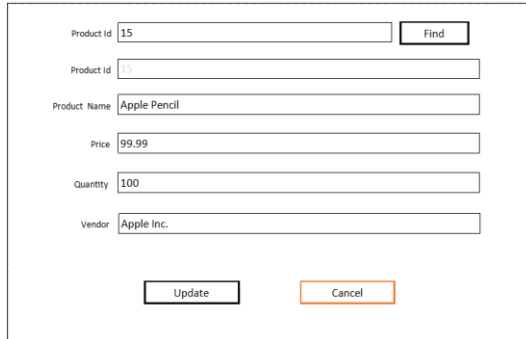
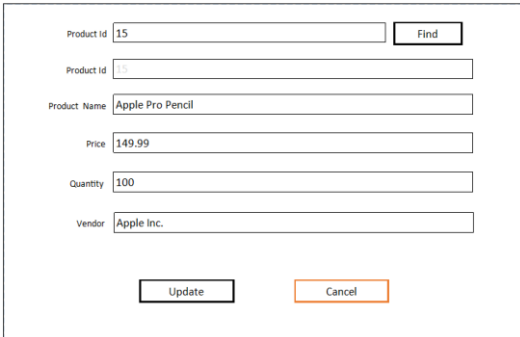
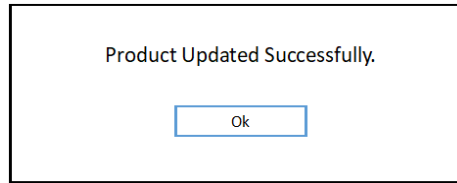
Use Case 4: (FOR MANAGER ONLY)

Manager wants to add a new Product.

Actor	Action
<p>1. Manager will add username and password and click Login</p>  <p>The login screen for the Store Management System. It features a title 'Store Management System' at the top. Below the title are two input fields: 'Username' and 'Password'. At the bottom center is a 'Login' button.</p>	<p>2. Manager will see the Home screen</p>  <p>The home screen for the Store Management System—Manager View. It contains five buttons: 'Add New Product' (top left), 'Update Product' (top right), 'View Report Summary' (center), 'Update Information' (bottom left), and 'Logout' (bottom right).</p>
<p>3. Manager will Click “Add Product”</p>  <p>The 'Add Product' form. It has six input fields: 'Product Id', 'Product Name', 'Price', 'Quantity', and 'Vendor'. At the bottom are two buttons: 'Add' and 'Cancel'.</p>	<p>4. Manger will add values and click “Add”</p>  <p>The 'Add Product' form with sample data filled in: 'Product Id' is 1, 'Product Name' is Apple Pencil, 'Price' is 99.99, 'Quantity' is 100, and 'Vendor' is Apple Inc. The 'Add' and 'Cancel' buttons are at the bottom.</p>
<p>5. Show Confirmation</p>  <p>A confirmation dialog box with the text 'Product Added Successfully.' and an 'Ok' button at the bottom center.</p>	

Use Case 5: (FOR MANAGER ONLY)

Manager wants to update the product.

Actor	Action
<p>1. Manager will add username and password and click Login</p>  <p>The login screen for the Store Management System. It features a title 'Store Management System' at the top. Below the title are two input fields: 'Username' and 'Password'. At the bottom center is a 'Login' button.</p>	<p>2. Manager will see the Home screen</p>  <p>The home screen for the Store Management System—Manager View. It contains six buttons arranged in a grid: 'Add New Product' (top left), 'Update Product' (top right), 'View Report Summary' (center), 'Update Information' (bottom left), and 'Logout' (bottom right).</p>
<p>3. Manager will Click “Update Product”</p>  <p>The 'Update Product' form. It has a 'Product Id' input field with a 'Find' button next to it. Below this are input fields for 'Product Id', 'Product Name', 'Price', 'Quantity', and 'Vendor'. At the bottom are 'Update' and 'Cancel' buttons.</p>	<p>4. Manager will enter Product Id and click “Find”, Product will load from database</p>  <p>The product details form after clicking 'Find'. The 'Product Id' field is populated with '15'. The 'Product Name' field is populated with 'Apple Pencil'. The 'Price' field is populated with '99.99'. The 'Quantity' field is populated with '100'. The 'Vendor' field is populated with 'Apple Inc.'. The 'Update' and 'Cancel' buttons are at the bottom.</p>
<p>5. Manager will update values and click “Update”</p>  <p>The product details form after updating values. The 'Product Id' field is still '15'. The 'Product Name' field is now 'Apple Pro Pencil'. The 'Price' field is now '149.99'. The 'Quantity' field is still '100'. The 'Vendor' field is still 'Apple Inc.'. The 'Update' and 'Cancel' buttons are at the bottom.</p>	<p>6. Show Confirmation</p>  <p>A confirmation dialog box with the text 'Product Updated Successfully.' and an 'Ok' button.</p>

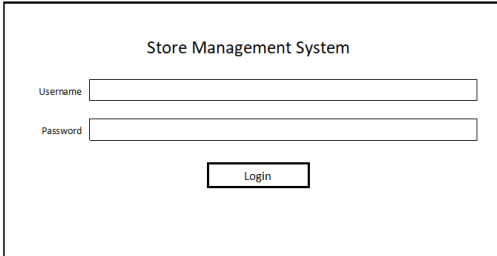
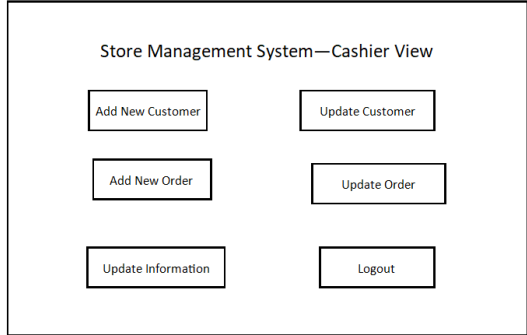
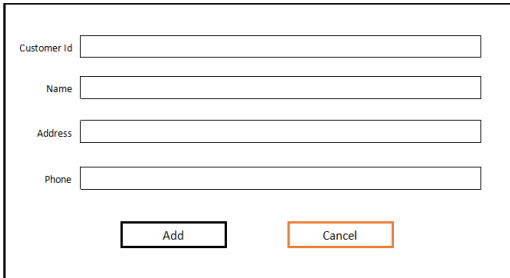
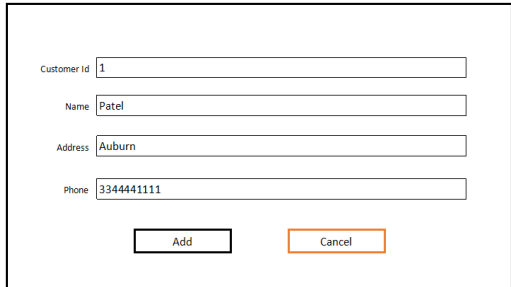
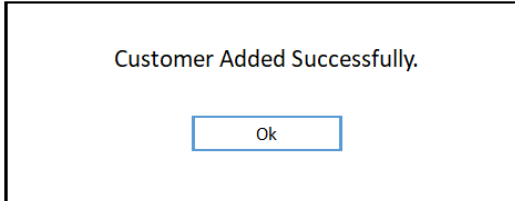
Use Case 6: (FOR MANAGER ONLY)

Manager wants to see Order Summary.

Actor	Action																																																																
<div>1. Manager will add username and password and click Login</div> <div><div>Store Management System</div><div><div>Username</div><div></div><div>Password</div><div></div><div>Login</div></div></div>	<div>2. Manager will see the Home screen</div> <div><div>Store Management System—Manager View</div><div><div>Add New Product</div><div>Update Product</div><div>View Report Summary</div><div>Update Information</div><div>Logout</div></div></div>																																																																
<div>3. Manager will Click “View Order Summary” to see the summary</div> <div><table><tr><th>Purchase ID</th><th>Date</th><th>Customer Name</th><th>Product Name</th><th>Product Price</th><th>Quantity</th><th>Total Tax</th><th>Total Cost</th></tr><tr><td>3</td><td>Sun Nov 03 19:10:5...</td><td>Ron</td><td>Products</td><td>10.0</td><td>20.0</td><td>540.0</td><td>6540.0</td></tr><tr><td>4</td><td>Sun Nov 03 20:20:0...</td><td>Miranj</td><td>Product4</td><td>15.0</td><td>20.0</td><td>27.0</td><td>327.0</td></tr><tr><td>6</td><td>Wed Oct 16 19:54:5...</td><td>Ron</td><td>iWater</td><td>9.99</td><td>2.0</td><td>1.79999999999999...</td><td>21.8</td></tr><tr><td>10</td><td>Wed Oct 16 20:01:1...</td><td>Ron</td><td>iWater</td><td>9.99</td><td>20.0</td><td>16.2</td><td>196.2</td></tr><tr><td>11</td><td>Wed Oct 16 21:11:1...</td><td>Miranj</td><td>Products</td><td>10.0</td><td>3.0</td><td>27.0</td><td>327.0</td></tr><tr><td>12</td><td>Fri Dec 13 15:52:07 ...</td><td>Ron</td><td>Apple MacPro</td><td>1999.99</td><td>2.0</td><td>359.9982</td><td>4359.9782</td></tr><tr><td>13</td><td>Fri Dec 13 16:02:44 ...</td><td>John Rambo</td><td>Product4</td><td>15.0</td><td>10.0</td><td>10.7999999999999...</td><td>130.8</td></tr></table></div>		Purchase ID	Date	Customer Name	Product Name	Product Price	Quantity	Total Tax	Total Cost	3	Sun Nov 03 19:10:5...	Ron	Products	10.0	20.0	540.0	6540.0	4	Sun Nov 03 20:20:0...	Miranj	Product4	15.0	20.0	27.0	327.0	6	Wed Oct 16 19:54:5...	Ron	iWater	9.99	2.0	1.79999999999999...	21.8	10	Wed Oct 16 20:01:1...	Ron	iWater	9.99	20.0	16.2	196.2	11	Wed Oct 16 21:11:1...	Miranj	Products	10.0	3.0	27.0	327.0	12	Fri Dec 13 15:52:07 ...	Ron	Apple MacPro	1999.99	2.0	359.9982	4359.9782	13	Fri Dec 13 16:02:44 ...	John Rambo	Product4	15.0	10.0	10.7999999999999...	130.8
Purchase ID	Date	Customer Name	Product Name	Product Price	Quantity	Total Tax	Total Cost																																																										
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12	Fri Dec 13 15:52:07 ...	Ron	Apple MacPro	1999.99	2.0	359.9982	4359.9782																																																										
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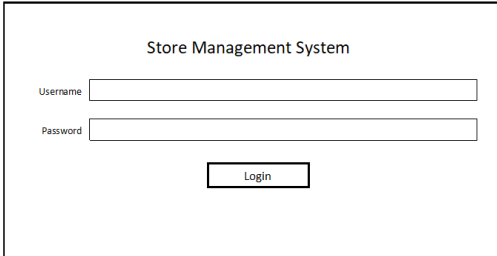
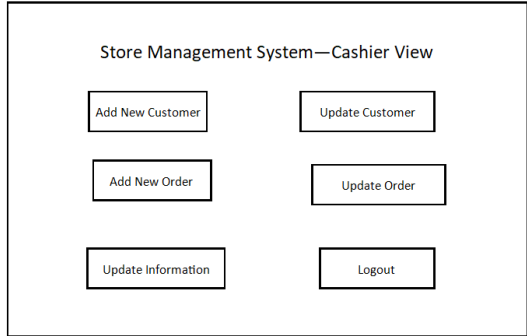
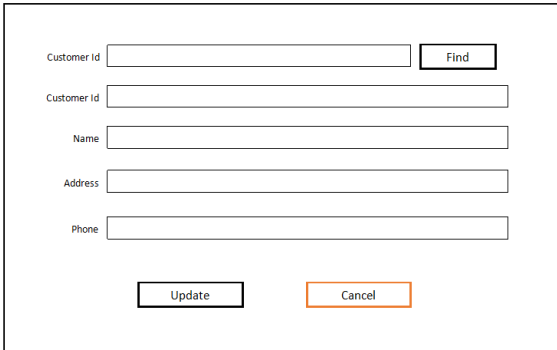
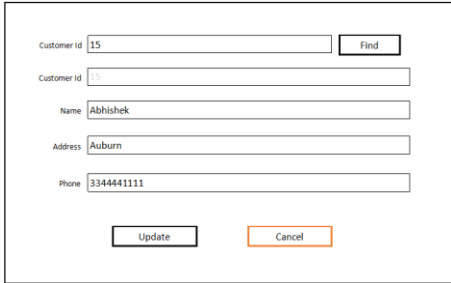
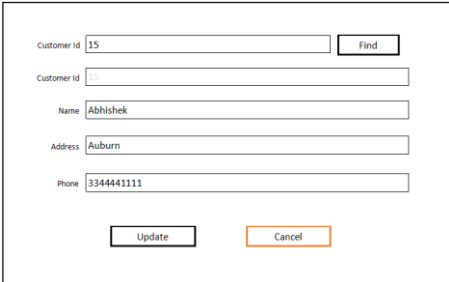
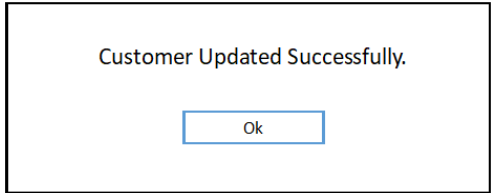
Use Case 7: (FOR CASHIER ONLY)

Cashier wants to add a new Customer.

Actor	Action
<p>1. Cashier will add username and password and click Login</p>  <p>The login screen titled 'Store Management System' features two input fields: 'Username' and 'Password'. Below these fields is a 'Login' button.</p>	<p>2. Cashier will see the Home screen</p>  <p>The home screen titled 'Store Management System—Cashier View' displays six buttons arranged in a 3x2 grid: 'Add New Customer', 'Update Customer', 'Add New Order', 'Update Order', 'Update Information', and 'Logout'.</p>
<p>3. Cashier will Click “Add Customer”</p>  <p>The 'Add Customer' form contains five input fields: 'Customer Id', 'Name', 'Address', and 'Phone'. At the bottom are 'Add' and 'Cancel' buttons.</p>	<p>4. Cashier will add values and click “Add”</p>  <p>The 'Add Customer' form is filled with the following values: Customer Id: 1, Name: Patel, Address: Auburn, and Phone: 3344441111. The 'Add' and 'Cancel' buttons are at the bottom.</p>
<p>5. Show Confirmation</p>  <p>A confirmation dialog box with the text 'Customer Added Successfully.' and an 'Ok' button.</p>	

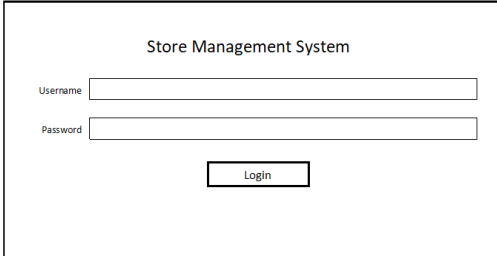
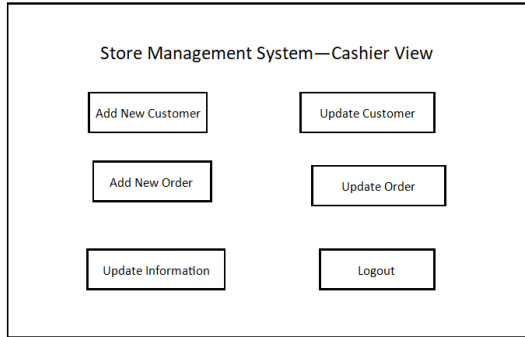
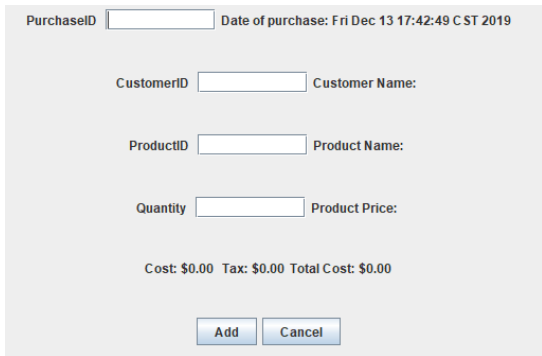
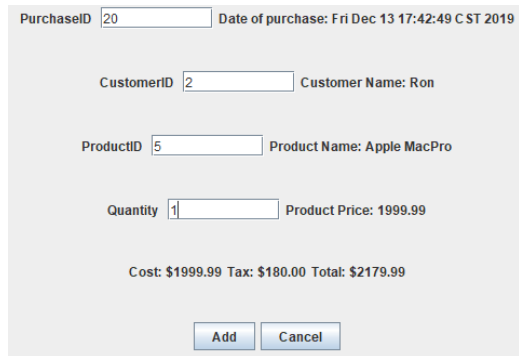
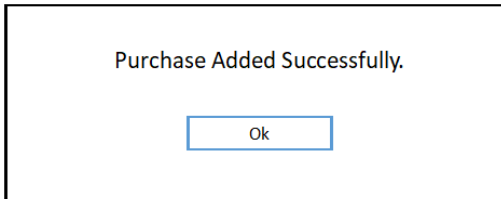
Use Case 8: (FOR CASHIER ONLY)

Cashier wants to update the Customer data.

Actor	Action
<p>1. Cashier will add username and password and click Login</p>  <p>The login screen for the Store Management System. It features a title 'Store Management System' at the top. Below the title are two input fields: 'Username' and 'Password'. At the bottom center is a 'Login' button.</p>	<p>2. Cashier will see the Home screen</p>  <p>The home screen for the Store Management System—Cashier View. It displays six buttons arranged in a 3x2 grid: 'Add New Customer', 'Update Customer', 'Add New Order', 'Update Order', 'Update Information', and 'Logout'.</p>
<p>3. Cashier will Click “Update Customer”</p>  <p>The 'Update Customer' form. It has a 'Find' button at the top right. Below it are input fields for 'Customer Id', 'Name', 'Address', and 'Phone'. At the bottom are 'Update' and 'Cancel' buttons.</p>	<p>4. Manager will enter Product Id and click “Find”, Product will load from database</p>  <p>The 'Update Customer' form after data has been entered. The 'Customer Id' field contains '15'. The 'Name' field contains 'Abhishek', the 'Address' field contains 'Auburn', and the 'Phone' field contains '3344441111'. The 'Find' button is still present at the top right, and 'Update' and 'Cancel' buttons are at the bottom.</p>
<p>5. Manager will update values and click “Update”</p>  <p>The 'Update Customer' form with the same data as in the previous step. The 'Customer Id' field contains '15', 'Name' is 'Abhishek', 'Address' is 'Auburn', and 'Phone' is '3344441111'. The 'Find' button is at the top right, and 'Update' and 'Cancel' buttons are at the bottom.</p>	<p>6. Show Confirmation</p>  <p>A confirmation dialog box with the text 'Customer Updated Successfully.' and an 'Ok' button.</p>

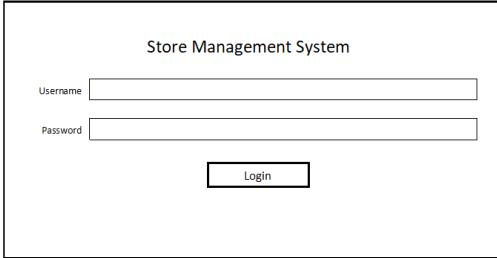
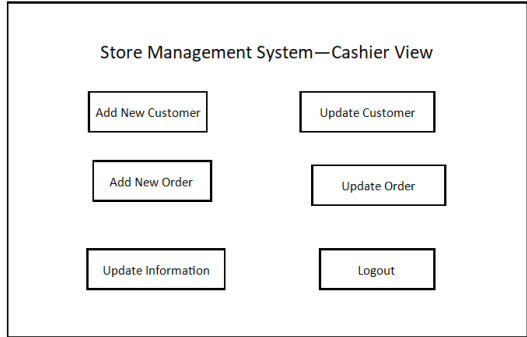
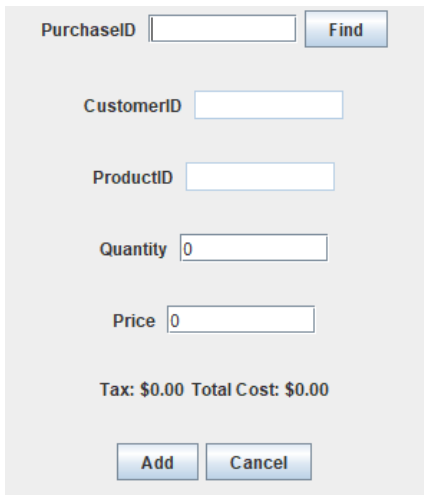
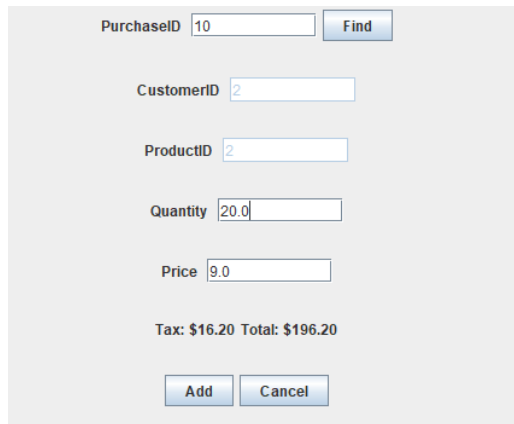
Use Case 9: (FOR CASHIER ONLY)

Cashier wants to Add the new Purchase.

Actor	Action
<p>1. Cashier will add username and password and click Login</p>  <p>The login screen for the Store Management System. It features a title 'Store Management System' at the top. Below the title are two input fields: 'Username' and 'Password'. At the bottom center is a 'Login' button.</p>	<p>2. Cashier will see the Home screen</p>  <p>The home screen for the Store Management System—Cashier View. It displays six buttons arranged in a 3x2 grid: 'Add New Customer', 'Update Customer', 'Add New Order', 'Update Order', 'Update Information', and 'Logout'.</p>
<p>3. Cashier will Click “Add New Purchase”</p>  <p>The 'Add New Purchase' form. It contains several input fields: 'PurchaseID', 'Date of purchase' (pre-filled with 'Fri Dec 13 17:42:49 C ST 2019'), 'CustomerID', 'Customer Name', 'ProductID', 'Product Name', 'Quantity', and 'Product Price'. At the bottom, it shows a summary: 'Cost: \$0.00 Tax: \$0.00 Total Cost: \$0.00' and two buttons: 'Add' and 'Cancel'.</p>	<p>4. Cashier will add data and click “Add”</p>  <p>The 'Add New Purchase' form with data entered. The 'PurchaseID' field is filled with '20'. The 'CustomerID' field is filled with '2' and 'Customer Name' is 'Ron'. The 'ProductID' field is filled with '5' and 'Product Name' is 'Apple MacPro'. The 'Quantity' field is filled with '1' and 'Product Price' is '1999.99'. The summary at the bottom shows: 'Cost: \$1999.99 Tax: \$180.00 Total: \$2179.99' and 'Add' and 'Cancel' buttons.</p>
<p>5. Show Confirmation</p>  <p>A confirmation dialog box with the text 'Purchase Added Successfully.' and an 'Ok' button.</p>	

Use Case 10: (FOR CASHIER ONLY)

Cashier wants to Update the Purchase.

Actor	Action
<p>1. Cashier will add username and password and click Login</p>  <p>The screenshot shows a login form titled "Store Management System". It has two input fields: "Username" and "Password". Below the "Password" field is a "Login" button.</p>	<p>2. Cashier will see the Home screen</p>  <p>The screenshot shows the "Store Management System—Cashier View" home screen. It contains six buttons arranged in a 3x2 grid: "Add New Customer", "Update Customer", "Add New Order", "Update Order", "Update Information", and "Logout".</p>
<p>3. Cashier will Click “Add Update Purchase”</p>  <p>The screenshot shows the "Add Update Purchase" form. It has input fields for "PurchaseID", "CustomerID", "ProductID", "Quantity", and "Price". There is a "Find" button next to the "PurchaseID" field. At the bottom, it shows "Tax: \$0.00 Total Cost: \$0.00" and "Add" and "Cancel" buttons.</p>	<p>4. Cashier will add Purchase Id and click “Find”, the data will be loaded from database</p>  <p>The screenshot shows the "Add Update Purchase" form with data loaded from the database. The "PurchaseID" field contains "10", "CustomerID" contains "2", "ProductID" contains "2", "Quantity" contains "20.0", and "Price" contains "9.0". At the bottom, it shows "Tax: \$16.20 Total: \$196.20" and "Add" and "Cancel" buttons.</p>

5. Cashier will update quantity and/or price and click “Add”

PurchaseID

CustomerID

ProductID

Quantity

Price

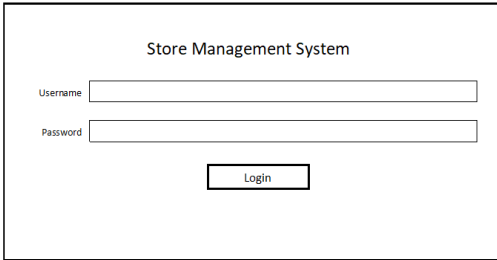
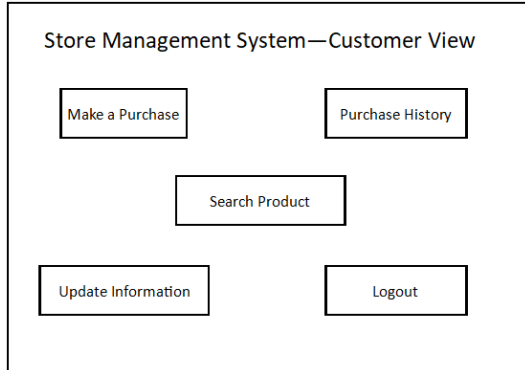
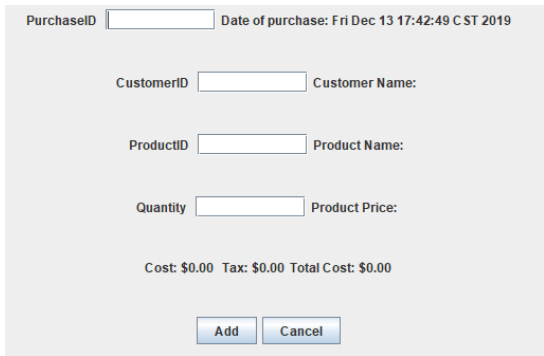
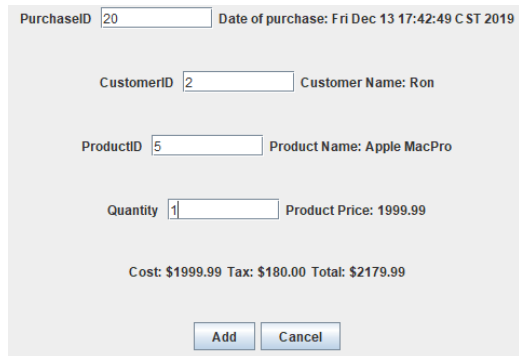
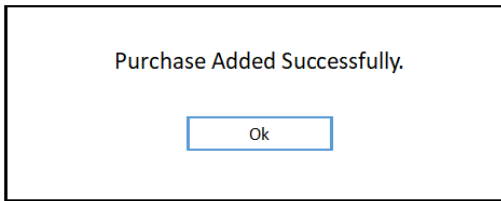
Tax: \$16.20 Total: \$196.20

6. Show Confirmation

Purchase Updated Successfully.

Use Case 11: (FOR CUSTOMERS ONLY)

Customers wants to Add the Purchase.

Actor	Action
<p>1. Customer will add username and password and click Login</p> 	<p>6. Customer will see the Home screen</p> 
<p>7. Customer will Click “Add New Purchase”</p> 	<p>8. Customer will add data and click “Add”</p> 
<p>9. Show Confirmation</p> 	

Use Case 11: (FOR CUSTOMERS ONLY)

Customers wants to See the Purchase History.

Actor	Action												
<div>1. Customer will add username and password and click Login</div> <div><div>Store Management System</div><div><div>Username</div><div></div><div>Password</div><div></div><div>Login</div></div></div>	<div>2. Customer will see the Home screen</div> <div><div>Store Management System—Customer View</div><div><div>Make a Purchase</div><div>Purchase History</div><div>Search Product</div><div>Update Information</div><div>Logout</div></div></div>												
<div>3. Customer will Click “View Purchase History”</div> <div><div>Purchase history for Abhishek Jariwala</div><table><tr><th>PurchaseID</th><th>ProductID</th><th>Product Name</th><th>Total</th></tr><tr><td>21</td><td>2</td><td>iWater</td><td>217.782</td></tr><tr><td>22</td><td>5</td><td>Apple MacPro</td><td>21799.891000000003</td></tr></table></div>		PurchaseID	ProductID	Product Name	Total	21	2	iWater	217.782	22	5	Apple MacPro	21799.891000000003
PurchaseID	ProductID	Product Name	Total										
21	2	iWater	217.782										
22	5	Apple MacPro	21799.891000000003										

Use Case 12: (FOR CUSTOMERS ONLY)

Customers wants to Search for Product.

Actor	Action																				
<div>1. Customer will add username and password and click Login</div> <div><div>Store Management System</div><div><div>Username</div><div></div><div>Password</div><div></div><div>Login</div></div></div>	<div>2. Customer will see the Home screen</div> <div><div>Store Management System—Customer View</div><div><div>Make a Purchase</div><div>Purchase History</div><div>Search Product</div><div>Update Information</div><div>Logout</div></div></div>																				
<div>3. Customer will Click “View Search for Product”</div> <div><div><div>Product name:</div><div></div><div>Minimum price:</div><div>0</div><div>Maximum price:</div><div>999</div><div>Search</div></div><div><table><thead><tr><th>ProductID</th><th>Product Name</th><th>Price</th><th>Quantity</th></tr></thead><tbody></tbody></table></div></div>		ProductID	Product Name	Price	Quantity																
ProductID	Product Name	Price	Quantity																		
<div>4. User will add name and/or min-max price and click “Search”</div> <div><div><div>Product name:</div><div>pro</div><div>Minimum price:</div><div>0</div><div>Maximum price:</div><div>9999</div><div>Search</div></div><div><table><thead><tr><th>ProductID</th><th>Product Name</th><th>Price</th><th>Quantity</th></tr></thead><tbody><tr><td>3</td><td>Products</td><td>10.0</td><td>10.0</td></tr><tr><td>4</td><td>Product4</td><td>15.0</td><td>100.0</td></tr><tr><td>5</td><td>Apple MacPro</td><td>1999.99</td><td>150.0</td></tr><tr><td>9</td><td>AirPods Pro</td><td>249.99</td><td>10.0</td></tr></tbody></table></div></div>		ProductID	Product Name	Price	Quantity	3	Products	10.0	10.0	4	Product4	15.0	100.0	5	Apple MacPro	1999.99	150.0	9	AirPods Pro	249.99	10.0
ProductID	Product Name	Price	Quantity																		
3	Products	10.0	10.0																		
4	Product4	15.0	100.0																		
5	Apple MacPro	1999.99	150.0																		
9	AirPods Pro	249.99	10.0																		

