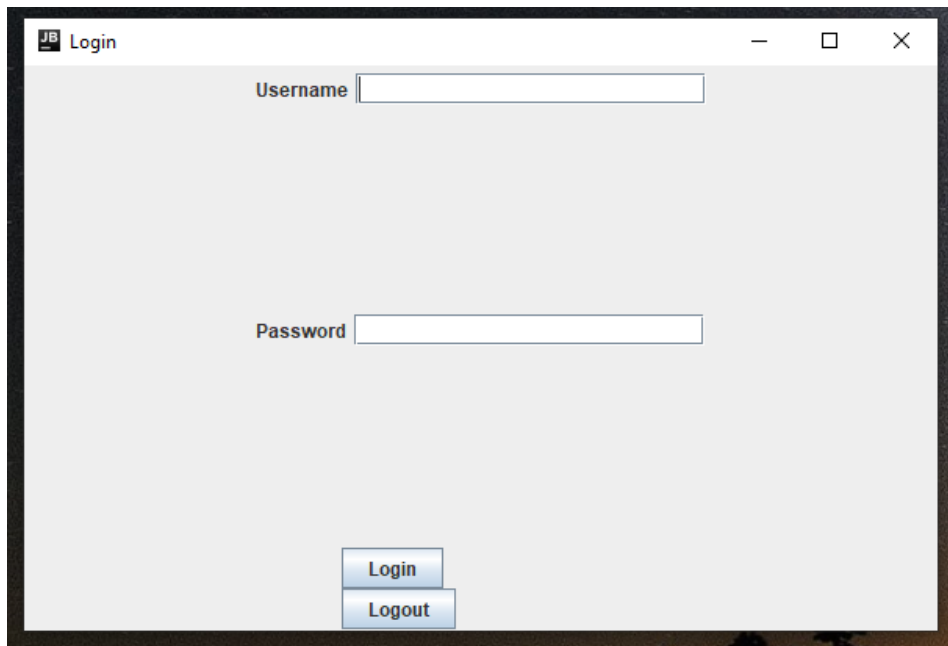
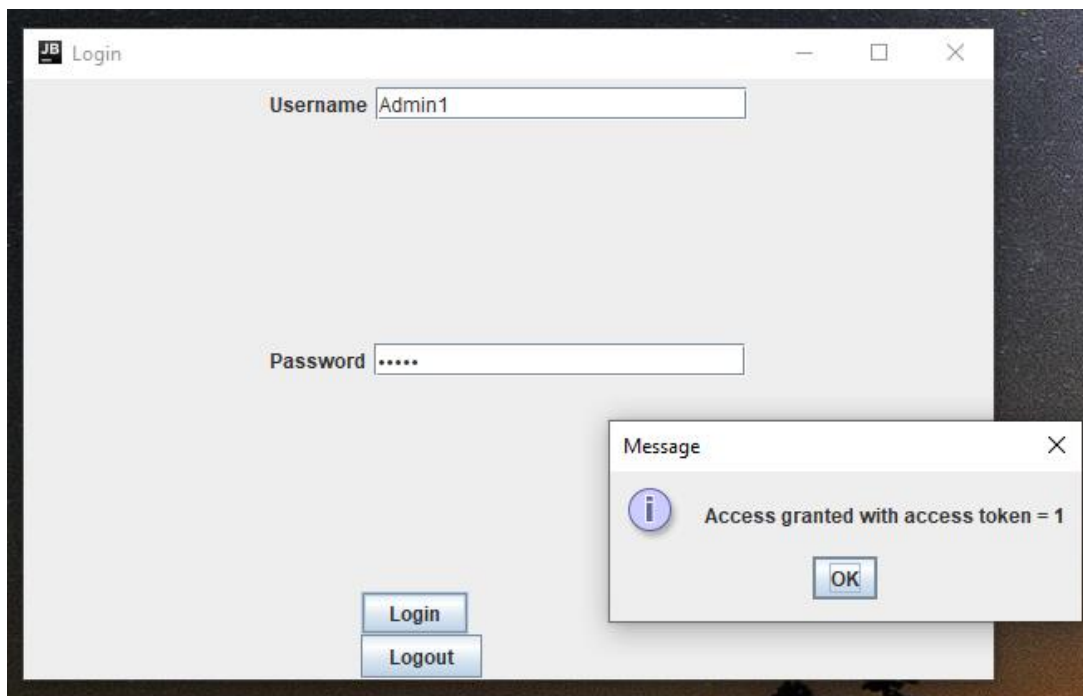


Project 3 Code Images

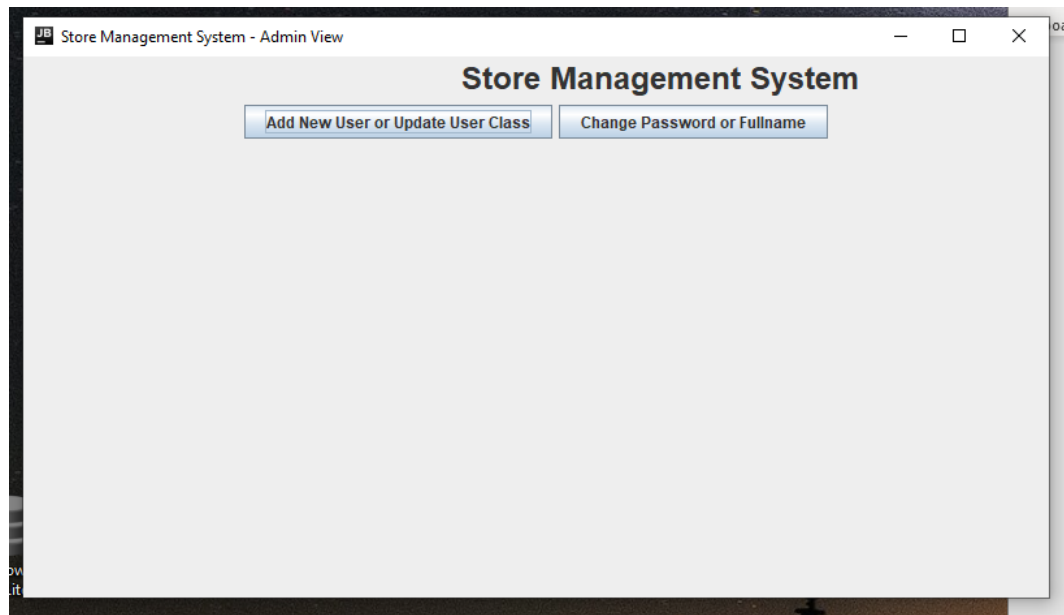
First, a user is brought to the login page.



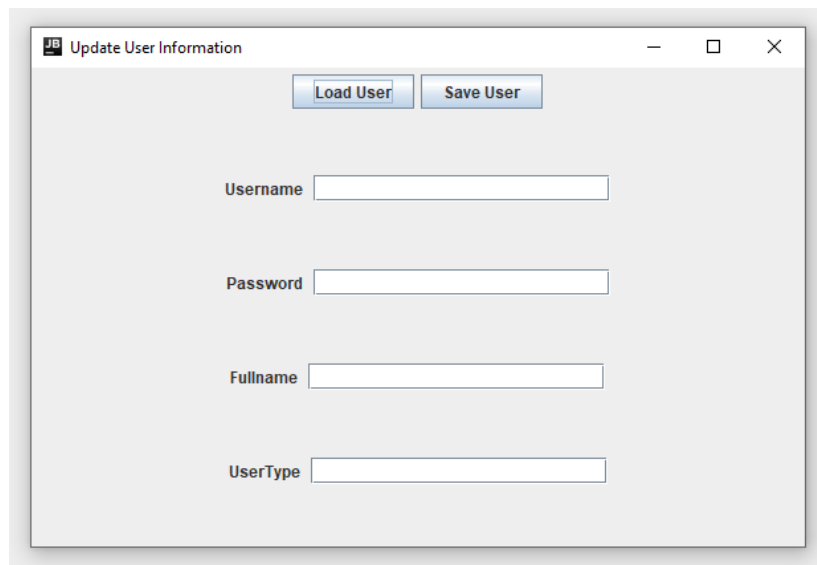
Then, the user enters information and clicks "Login"



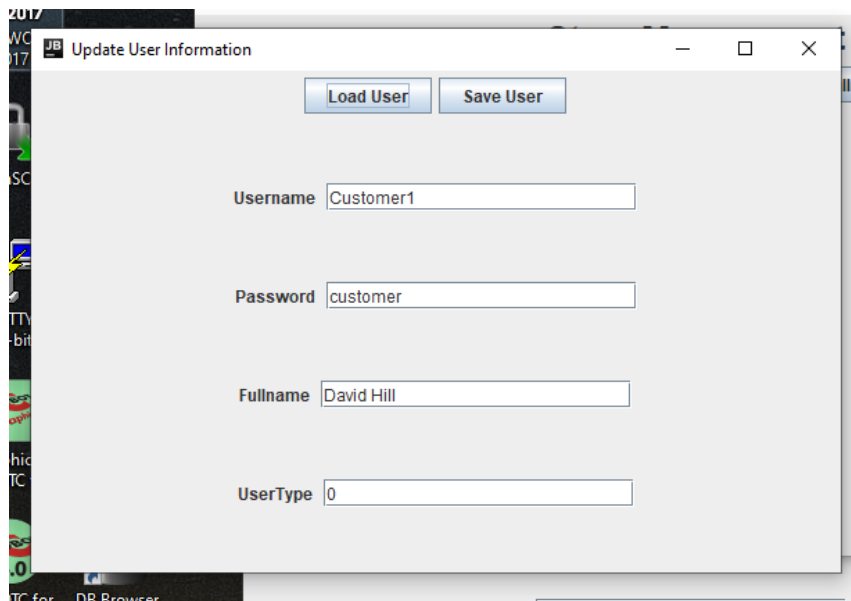
Then, the user is brought to their respective page (for this example, the user is “admin” type)



Next, Admin clicks on “Add New User or Update User Class”

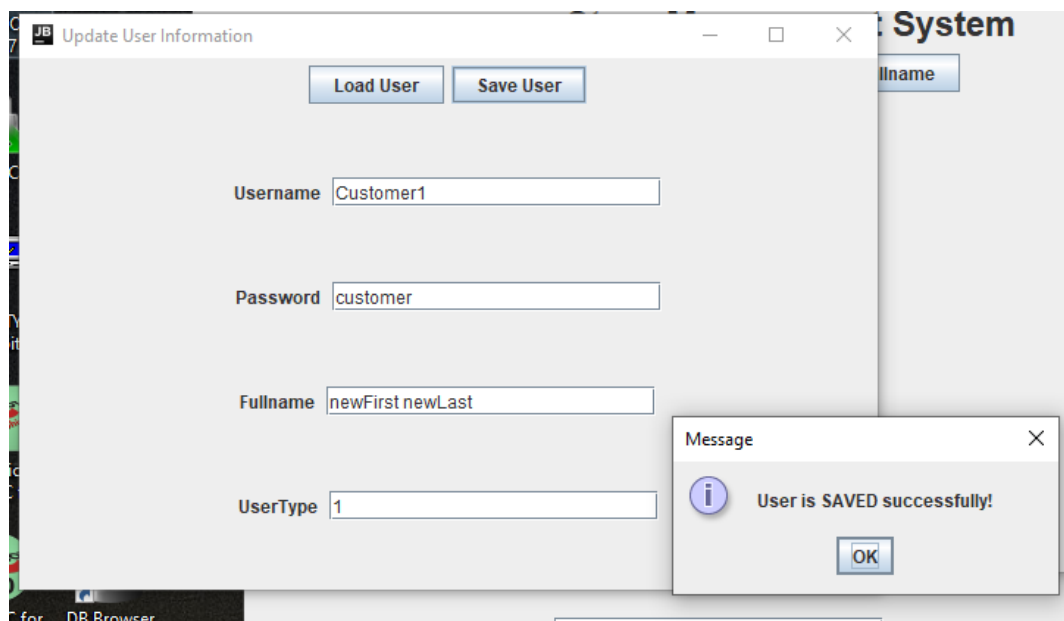


The admin can load an existing user, as shown below.



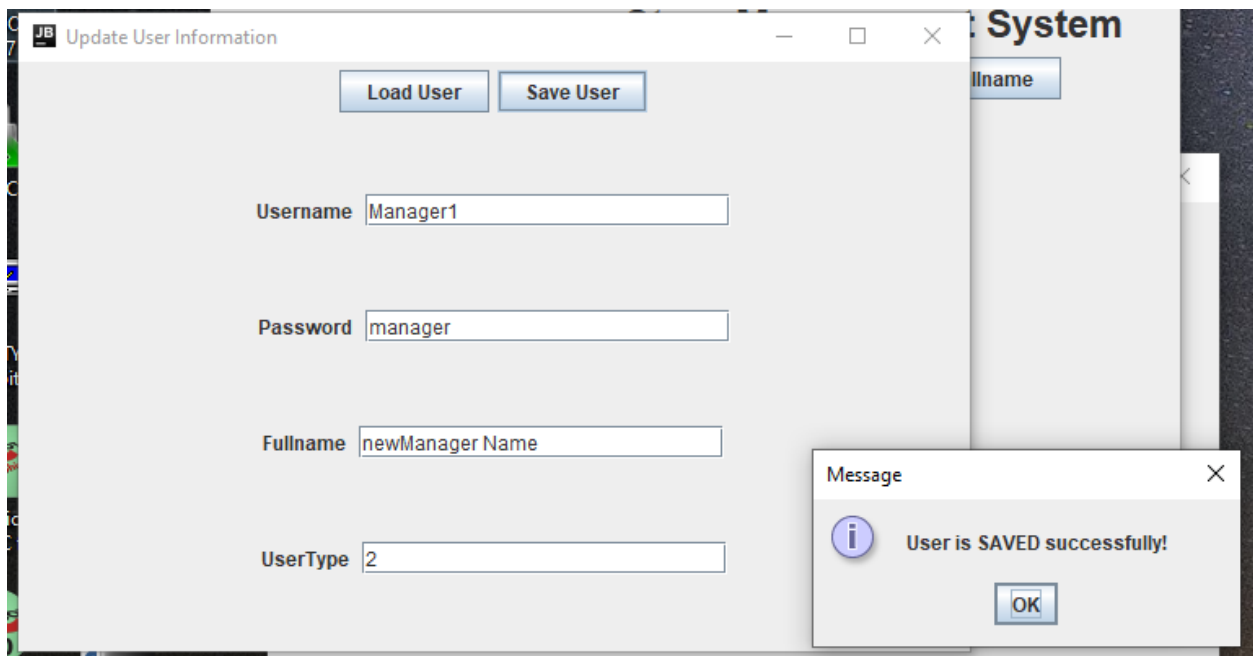
The screenshot shows a window titled "Update User Information" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there are two buttons at the top: "Load User" and "Save User". Below these are four text input fields, each with a label to its left: "Username" (containing "Customer1"), "Password" (containing "customer"), "Fullname" (containing "David Hill"), and "UserType" (containing "0"). The window is overlaid on a desktop background with various icons visible on the left side.

Then, the admin can update user information.

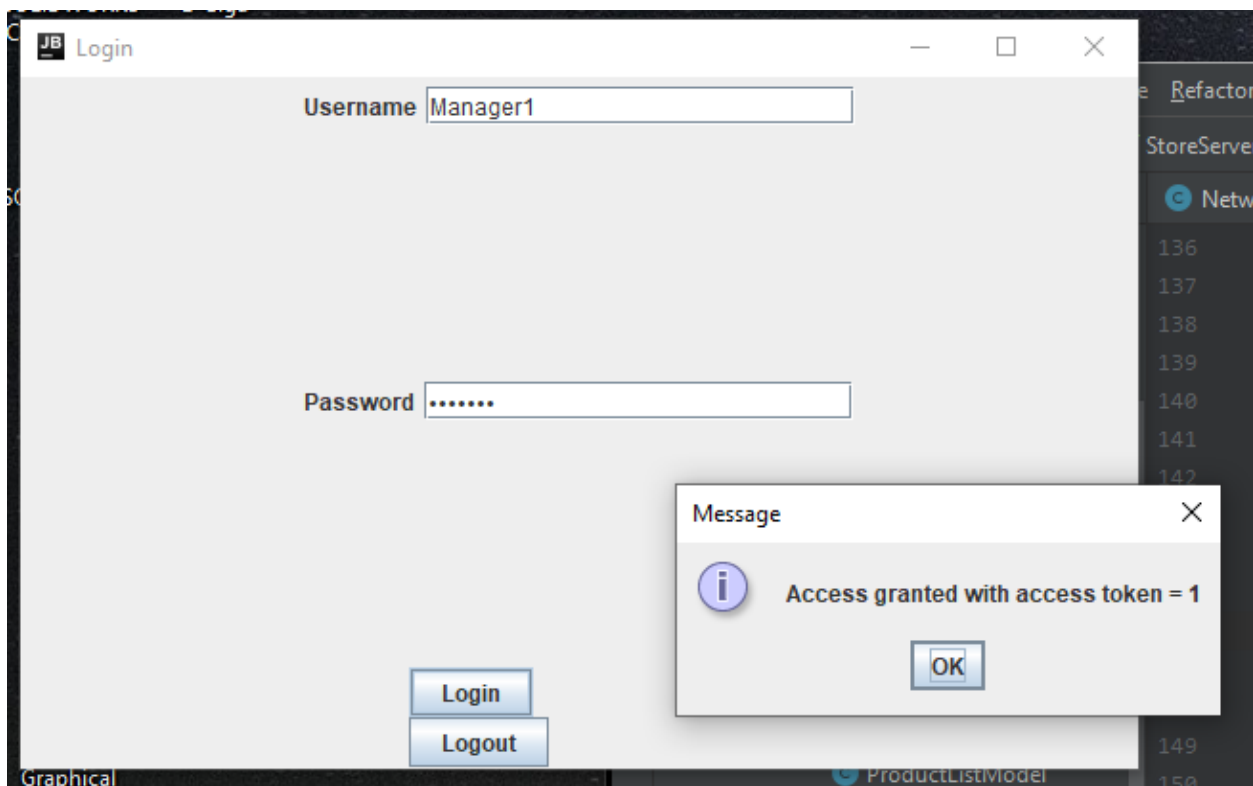


This screenshot shows the same "Update User Information" window as the previous one, but with updated values: "Fullname" now contains "newFirst newLast" and "UserType" now contains "1". A small "Message" dialog box is overlaid on the bottom right of the main window. The message box has a title bar with a close button and contains an information icon (i) followed by the text "User is SAVED successfully!". At the bottom of the message box is an "OK" button. The background of the main window shows a "System" window partially visible.

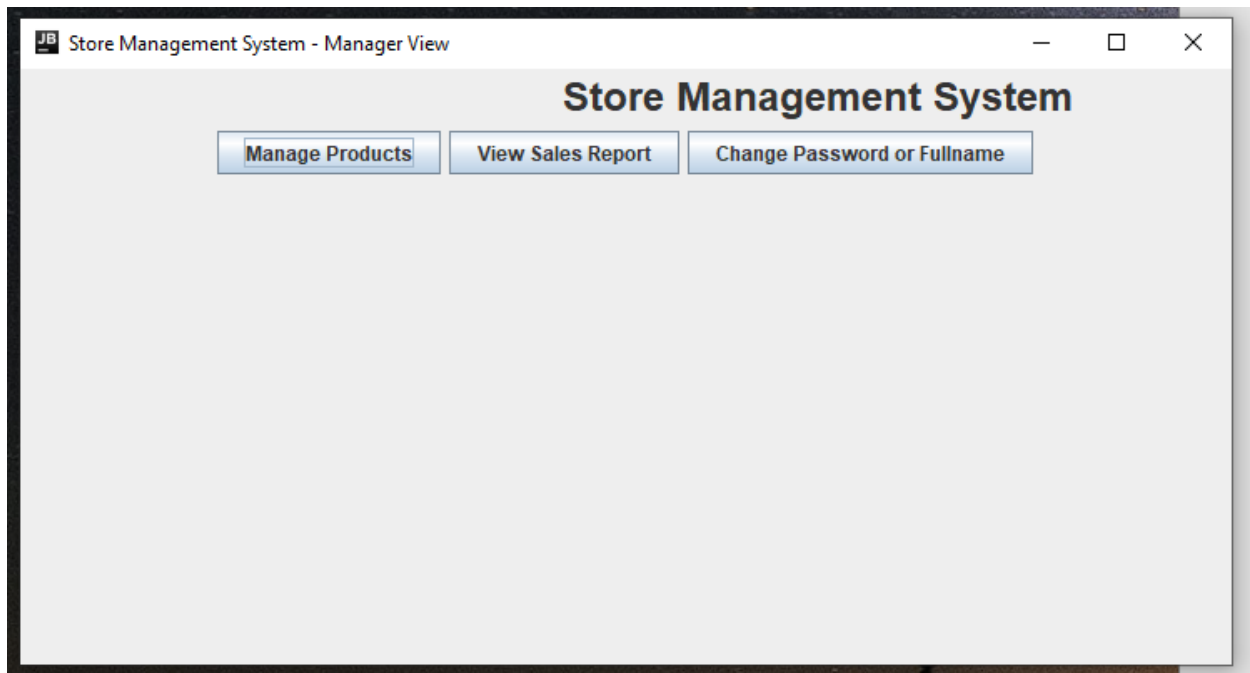
Or, the admin can add a completely new user.



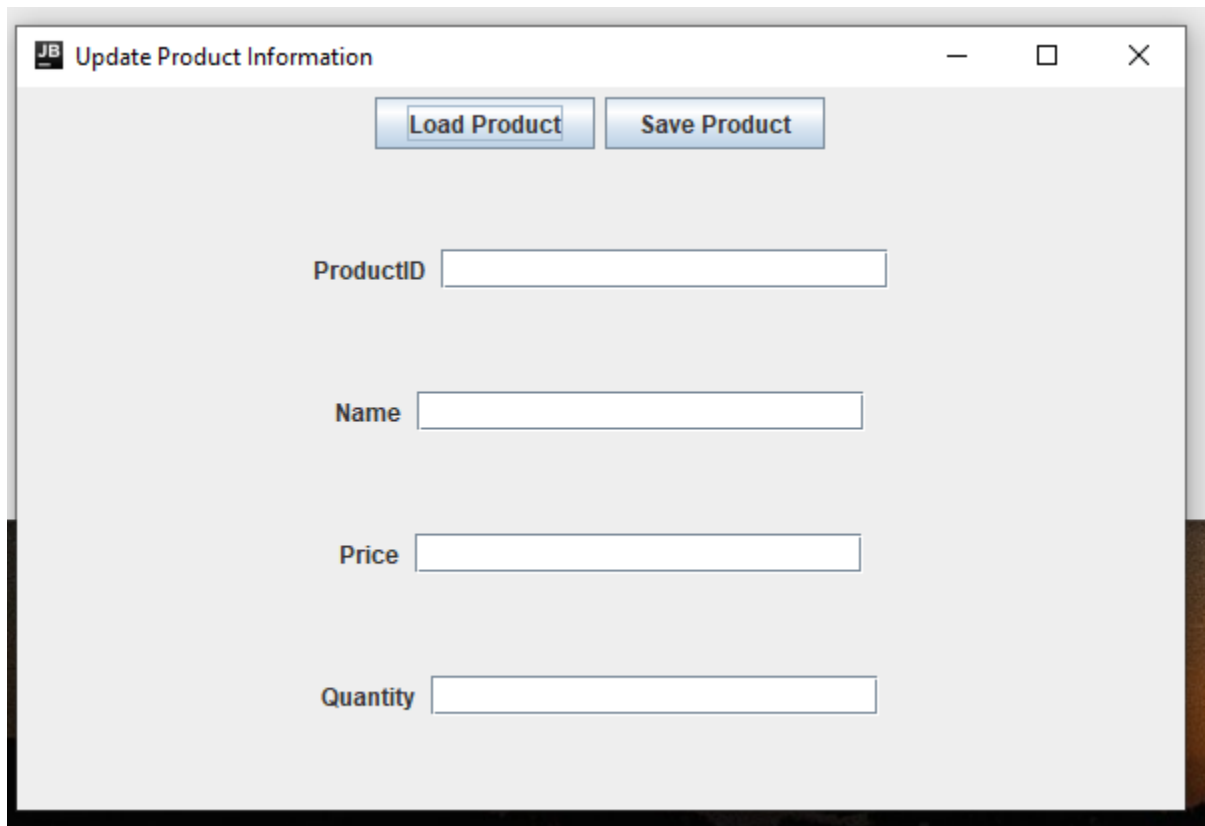
Next, "manager" users can log in.



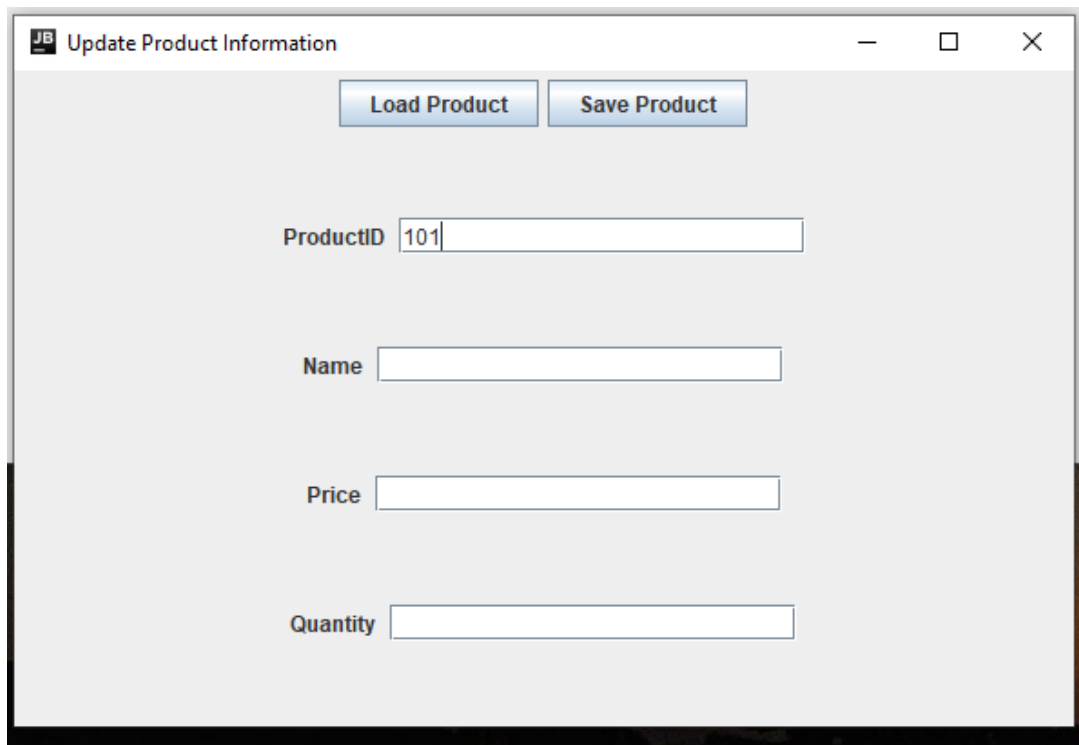
The manager is brought to the manager screen,



Choose command "manage products"

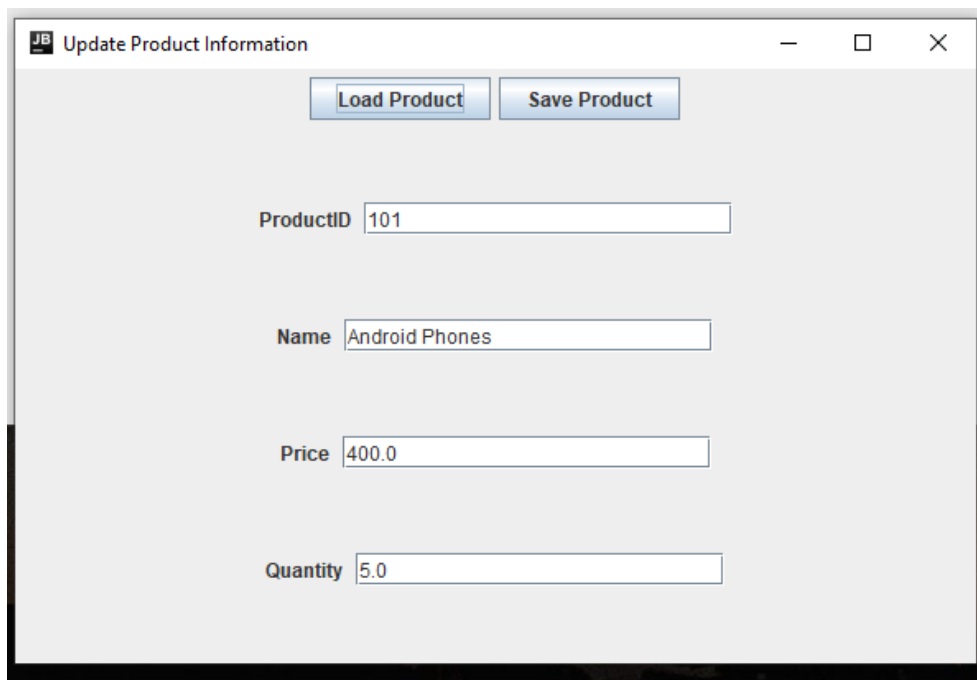


The manager can load a product and edit information.



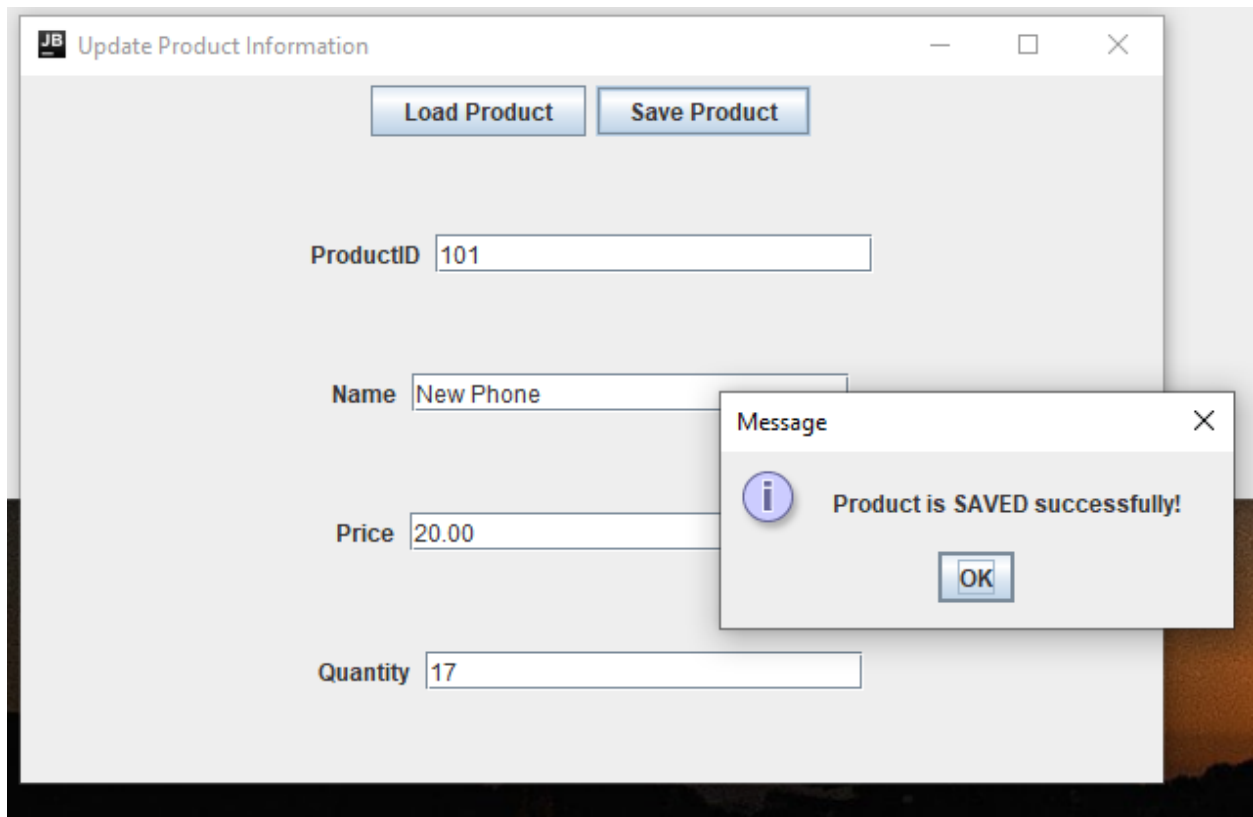
The screenshot shows a window titled "Update Product Information" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there are two buttons at the top: "Load Product" and "Save Product". Below these buttons are four input fields, each with a label to its left: "ProductID" (containing the value "101"), "Name", "Price", and "Quantity". All input fields are currently empty except for the "ProductID" field which has "101" entered.

After clicking "Load Product."

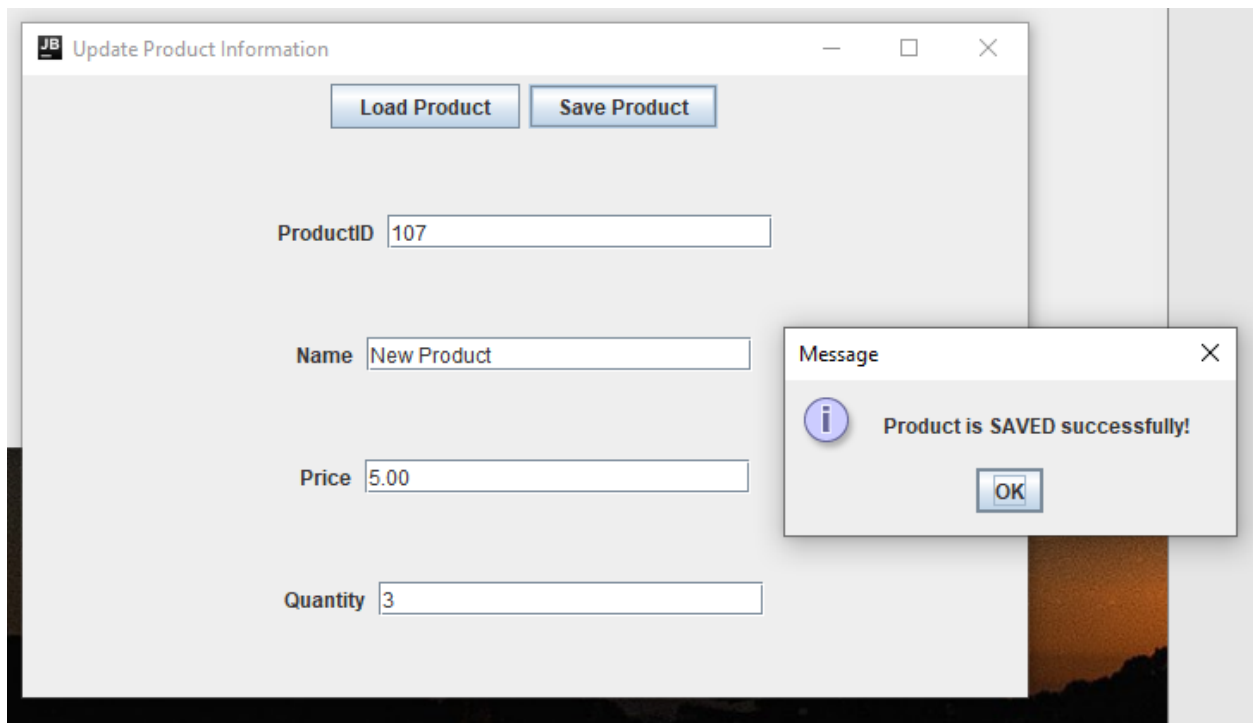


The screenshot shows the same "Update Product Information" window after the "Load Product" button has been clicked. The input fields are now populated with data: "ProductID" contains "101", "Name" contains "Android Phones", "Price" contains "400.0", and "Quantity" contains "5.0". The "Load Product" and "Save Product" buttons remain at the top of the window.

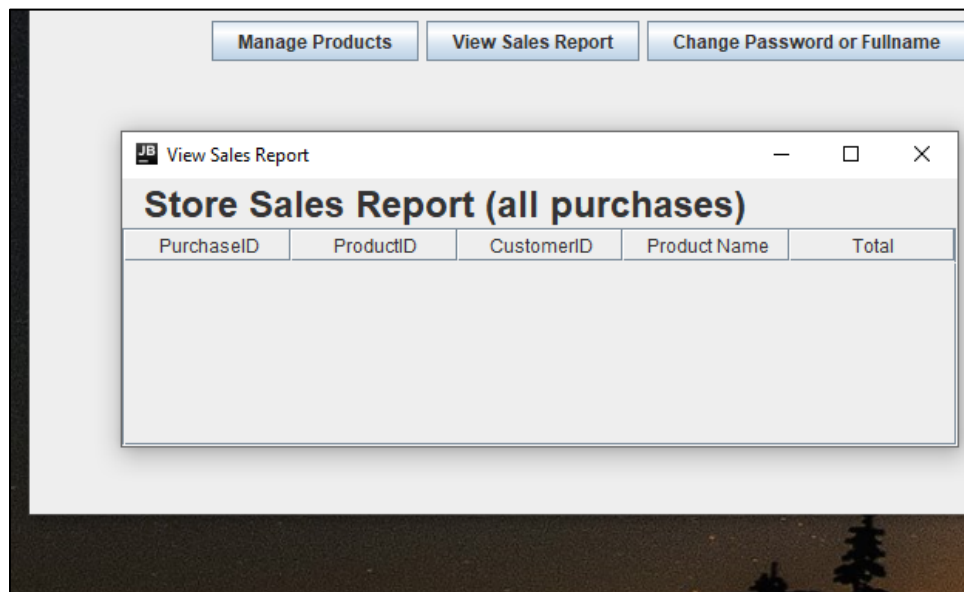
The manager can edit product info and click “save” button.



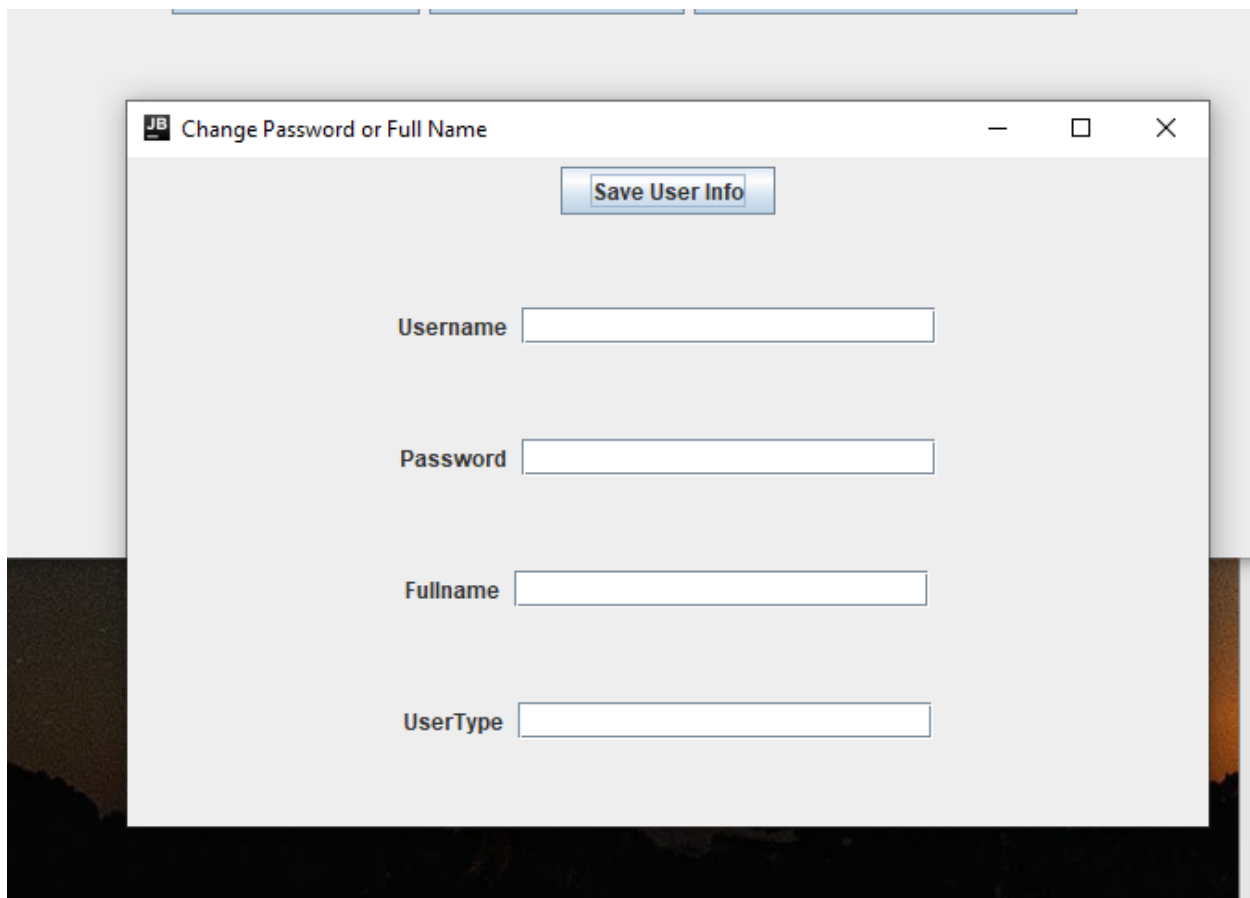
Or, the manager can add a completely new product by typing new information and pressing “save”.



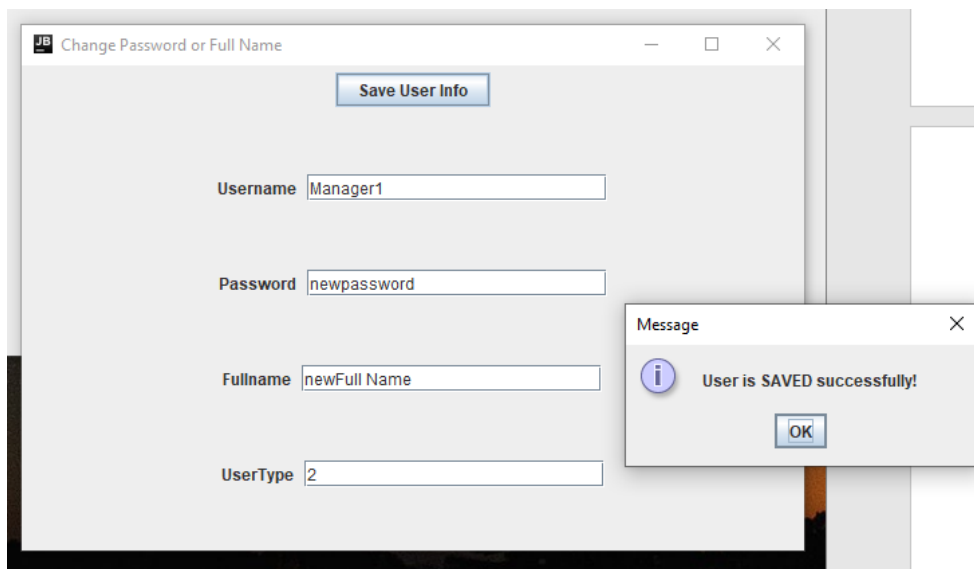
Then, the manager can press “View Sales Report.” I couldn’t get the information to load, but the UI pops up and is formatted as shown below.



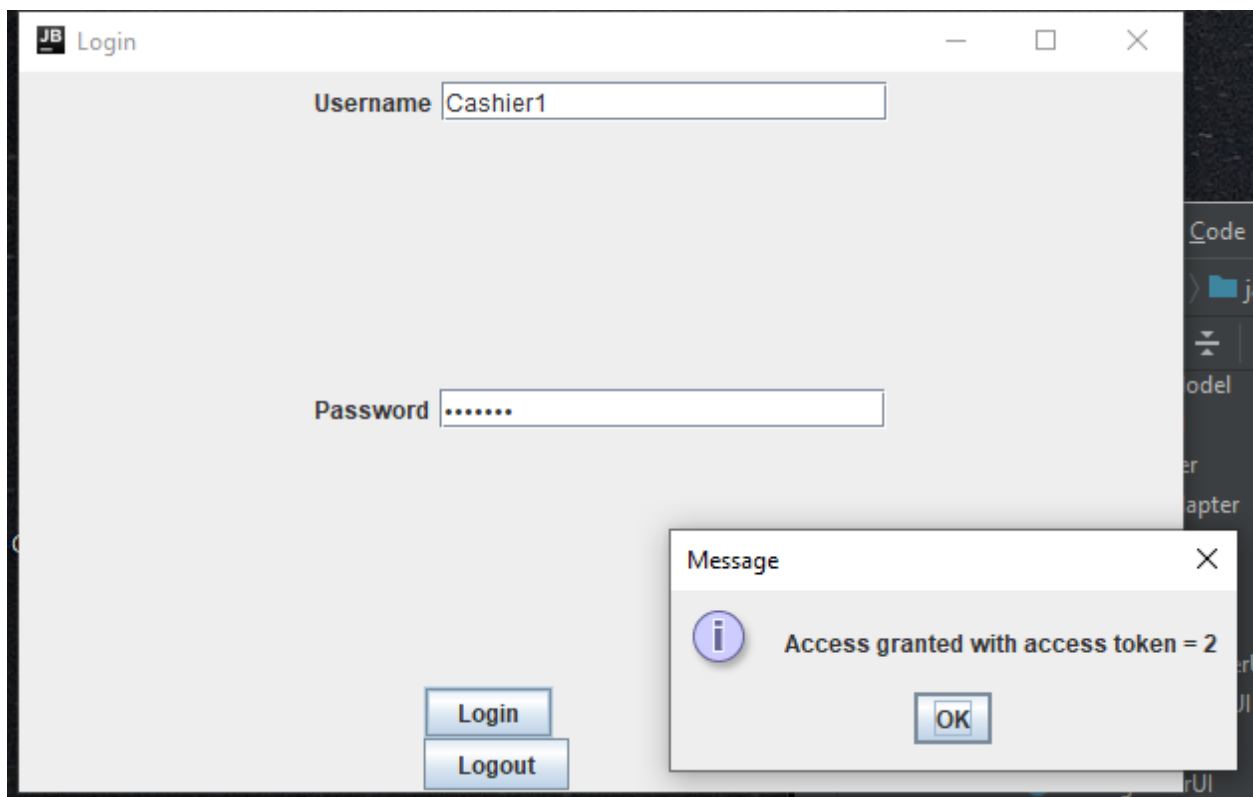
The manager (like all other users) has a button called “Change Password or Fullname”. Clicking this button brings the following UI.



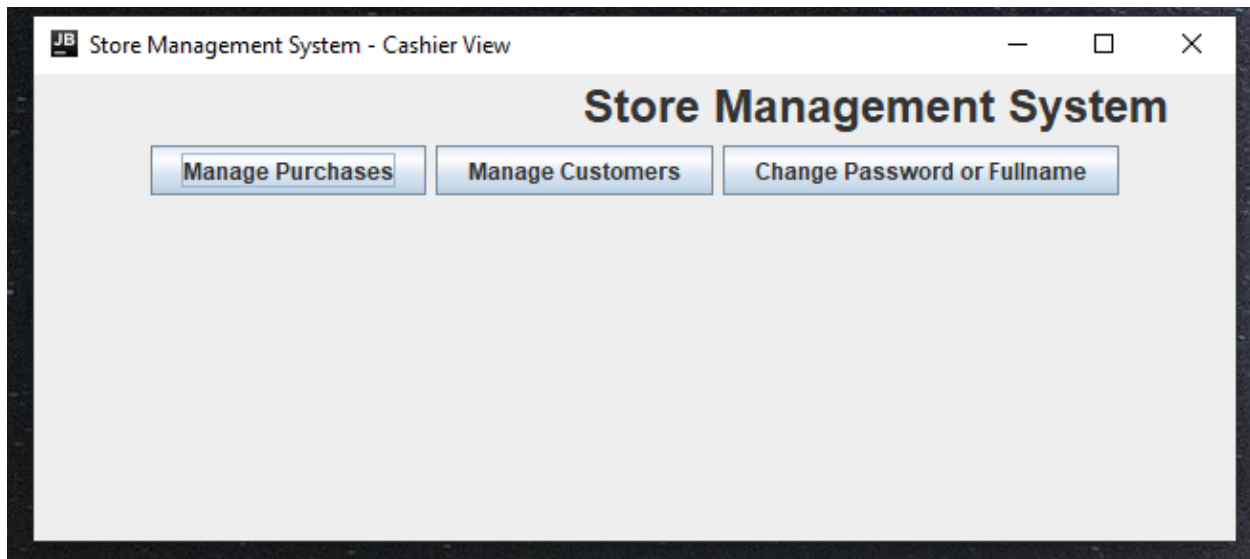
Here, the user can enter their information and change their password or fullname.



Next, the cashier can log in.



This brings up the “cashier” main screen.



The cashier can edit purchased or create a new one using “Manage Purchases” button.

A screenshot of a software window titled "Add Purchase". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area has a light gray background. At the top, there is a label "PurchaseID" followed by a text input field. To the right of the input field, the text "Date of purchase: Thu Dec 12 17:14:35 CST 2019" is displayed. Below this, there is a label "CustomerID" followed by a text input field. To the right of the input field, the text "Customer Name: [not specified!]" is displayed. Below this, there is a label "ProductID" followed by a text input field. To the right of the input field, the text "Product Name: [not specified!]" is displayed. Below this, there is a label "Quantity" followed by a text input field. To the right of the input field, the text "Product Price: 20.0" is displayed. At the bottom of the form, the text "Cost: \$0.00 Tax: \$0.00 Total Cost: \$0.00" is displayed. At the very bottom of the window, there are two rectangular buttons with blue borders and light blue backgrounds, labeled "Save" and "Load".

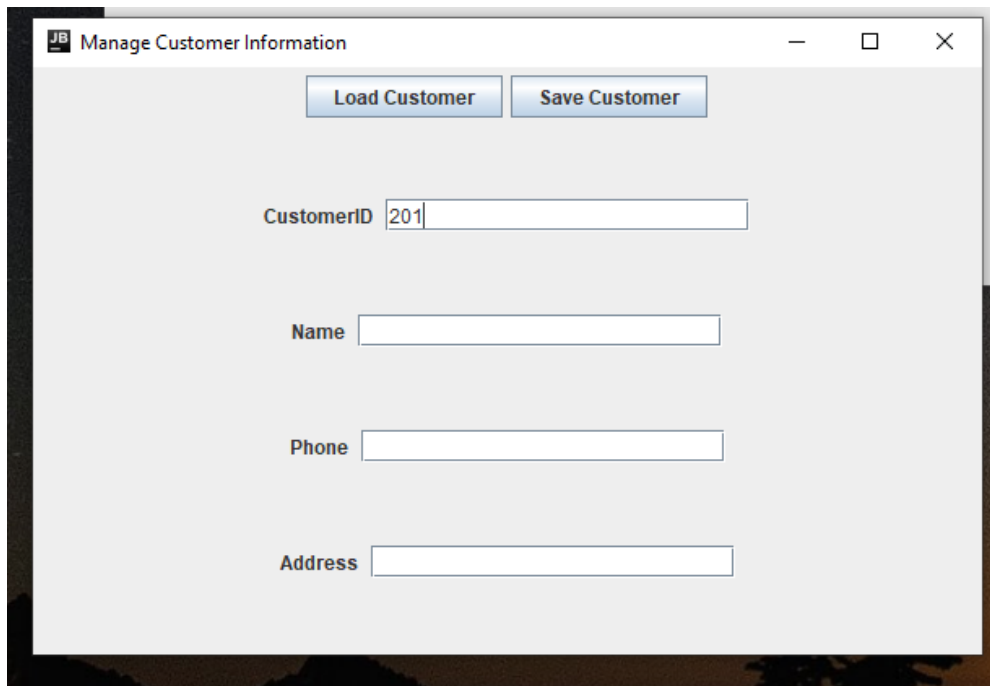
The cashier can edit purchase information or add new information and then click “save”.

The screenshot shows a software window titled "JB Add Purchase". It contains several input fields and labels: "PurchaseID" with the value "312", "Date of purchase: Thu Dec 12 17:14:35 CST 2019", "CustomerID" with the value "201", "Customer Name: Jane Does", "ProductID" with the value "105", "Product Name: Pear", "Quantity" with the value "4", and "Product Price: 3.22". At the bottom, it displays "Cost: \$12.88 Tax: \$1.16 Total: \$14.04". There are "Save" and "Load" buttons. A "Message" dialog box is overlaid on the right, displaying an information icon, the text "Purchase is SAVED successfully!", and an "OK" button.

Next, the user can click the “Manage Customers” button.

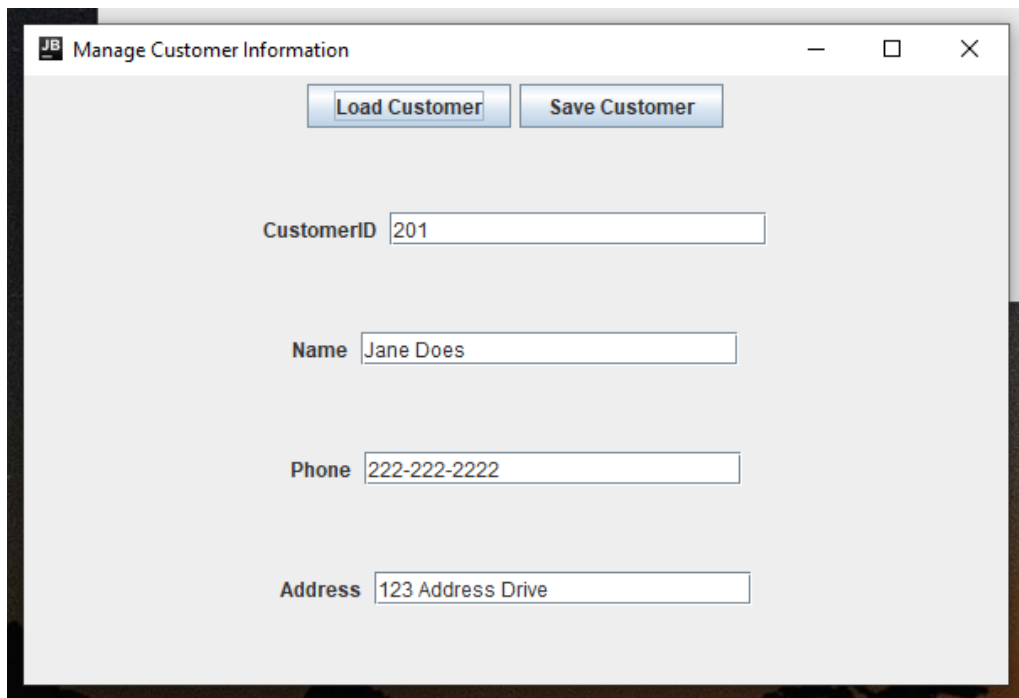
The screenshot shows two overlapping windows. The background window is titled "Store Management Syst..." and has three buttons: "Manage Purchases", "Manage Customers", and "Change Password or Fullname". The foreground window is titled "JB Manage Customer Information" and contains "Load Customer" and "Save Customer" buttons. Below these are four input fields labeled "CustomerID", "Name", "Phone", and "Address", each followed by a text box.

The cashier can type a customer ID and then click “load.”



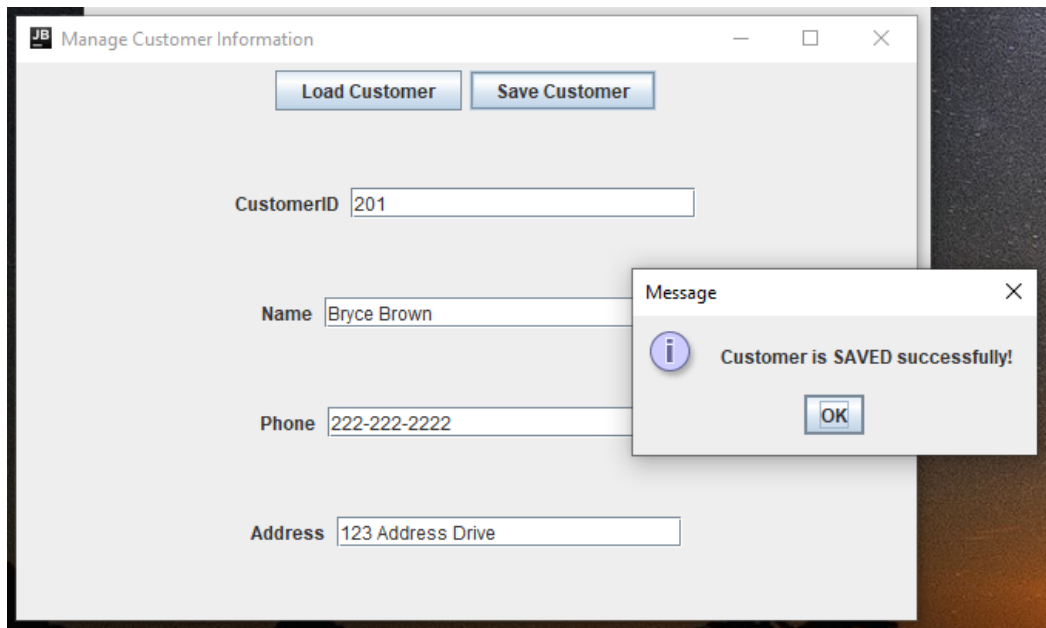
The screenshot shows a window titled "Manage Customer Information" with a standard Windows title bar (minimize, maximize, close buttons). Inside the window, there are two buttons at the top: "Load Customer" and "Save Customer". Below these buttons are four input fields, each with a label to its left: "CustomerID" (containing the text "201"), "Name", "Phone", and "Address". All input fields are currently empty except for the "CustomerID" field which has "201" entered.

This button loads the customer information.

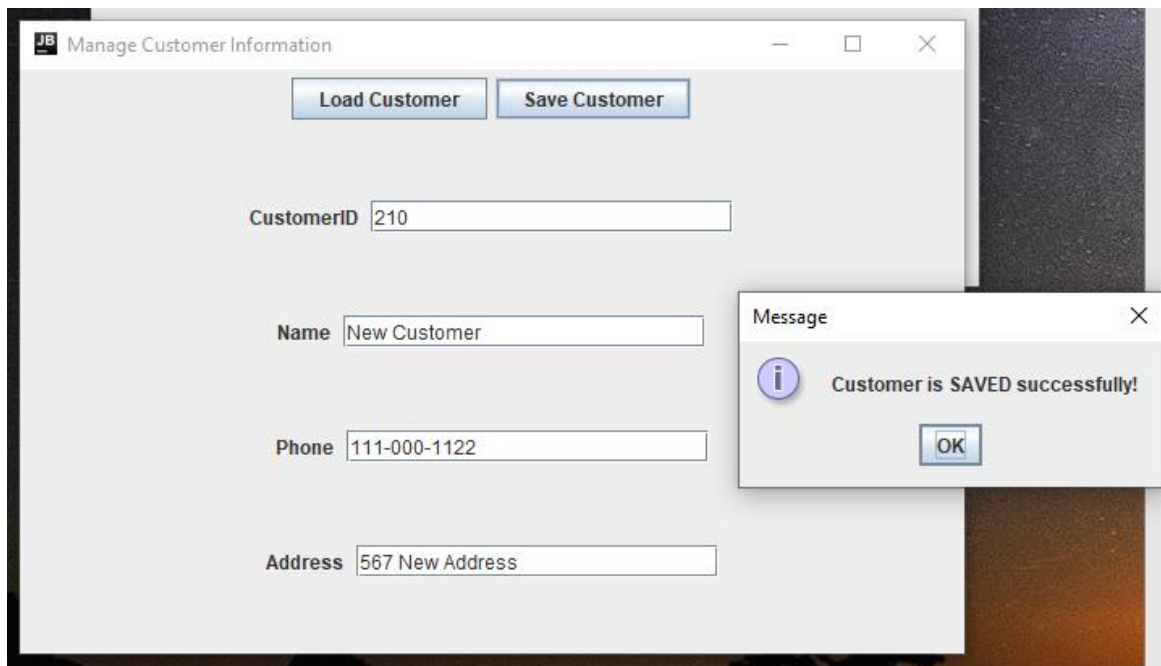


The screenshot shows the same "Manage Customer Information" window, but now the input fields are populated with data. The "CustomerID" field contains "201", the "Name" field contains "Jane Does", the "Phone" field contains "222-222-2222", and the "Address" field contains "123 Address Drive". The "Load Customer" and "Save Customer" buttons remain at the top.

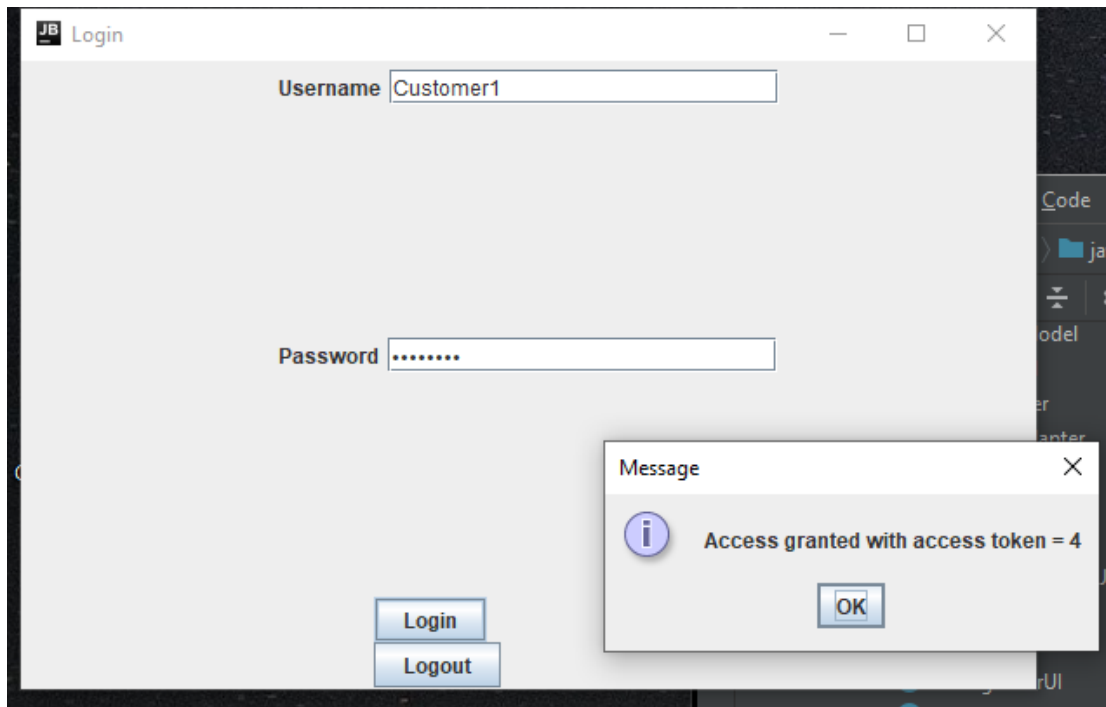
The cashier can edit the information and then click “save.”



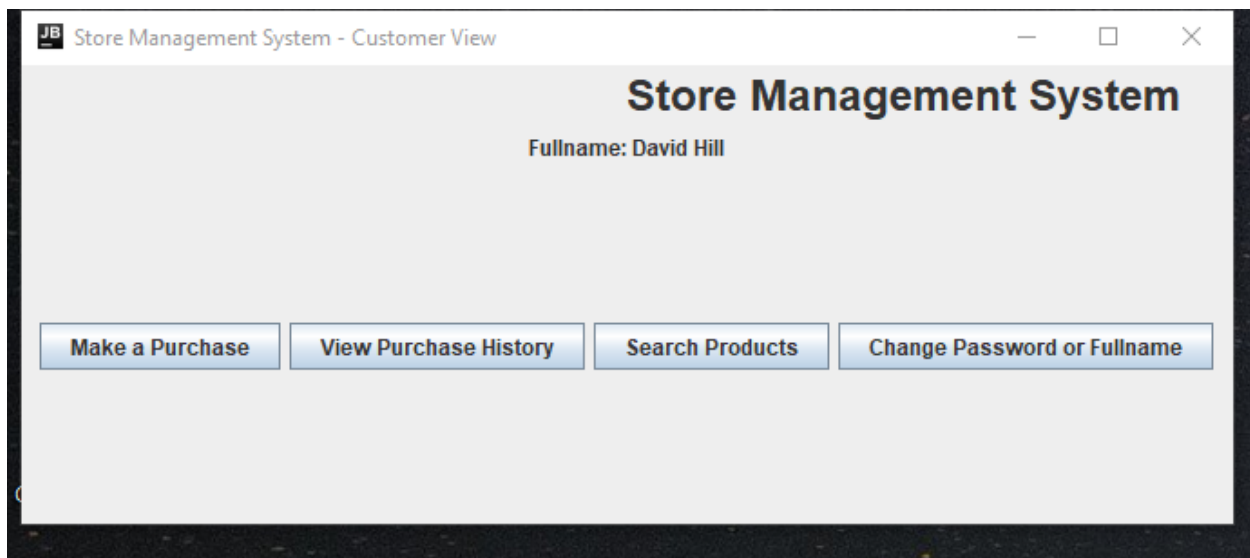
Or, the cashier can enter all new information and then click “save.”



Next, a Customer can log in.



This brings the customer main page.



The customer can make a purchase with the “Make a Purchase” button.

The screenshot shows a web application window titled "JB Add Purchase". It contains several input fields and labels:

- PurchaseID**: 344
- Date of purchase**: Thu Dec 12 17:21:20 CST 2019
- CustomerID**: 201
- Customer Name**: Bryce Brown
- ProductID**: 101
- Product Name**: New Phone
- Quantity**: 3
- Product Price**: 20.0
- Cost**: \$60.00
- Tax**: \$5.40
- Total**: \$65.40

At the bottom of the window are two buttons: "Save" and "Load". A "Message" dialog box is open in the foreground, displaying an information icon and the text "Purchase is SAVED successfully!" with an "OK" button.

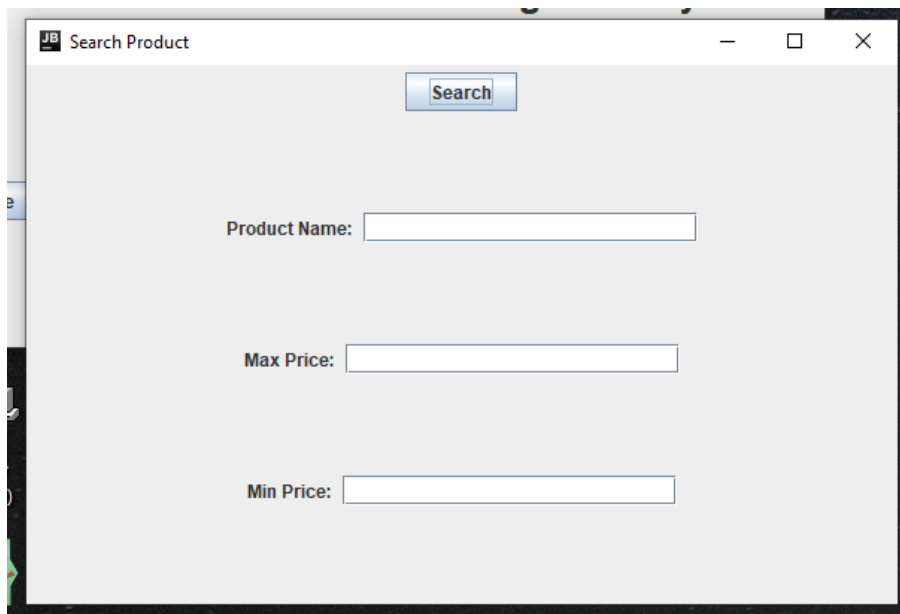
The user can click “view purchase history” to view their past purchases. I couldn’t get the information to load, but the UI pops up and is formatted as shown below.

The screenshot shows a web application window titled "JB View Purchase History - Customer View". It displays a table with the following header:

PurchaseID	ProductID	Product Name	Total
------------	-----------	--------------	-------

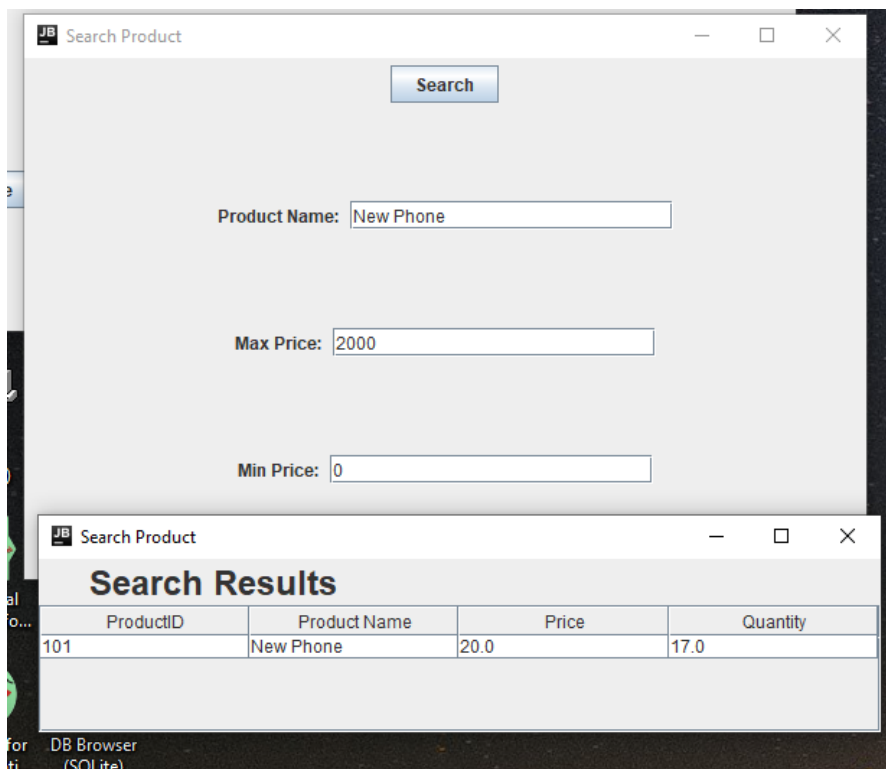
The table body is currently empty. In the background, a navigation bar contains four buttons: "Make a Purchase", "View Purchase History", "Search Products", and "Change Password or Fullname".

Next, the customer can search for products by name, max price, and min price. First, click on the “search products” button.



The screenshot shows a window titled "JB Search Product". At the top center is a blue "Search" button. Below it are three input fields: "Product Name:" followed by an empty text box, "Max Price:" followed by an empty text box, and "Min Price:" followed by an empty text box.

The user can input information and click “search”. Then the search results are displayed.



The screenshot shows the same "JB Search Product" window, but now with input data. The "Product Name" field contains "New Phone", the "Max Price" field contains "2000", and the "Min Price" field contains "0". Below the input fields, a new section titled "Search Results" is visible, containing a table with the following data:

ProductID	Product Name	Price	Quantity
101	New Phone	20.0	17.0

At the bottom of the screen, a small window titled "DB Browser for SQLite" is partially visible.

This can be repeated for a different product name.

The image displays two sequential screenshots of a software application window titled "Search Product".

The top screenshot shows the search form with the following inputs:

- Product Name:** Banana
- Max Price:** 2000
- Min Price:** 0

The bottom screenshot shows the "Search Results" table, which contains the following data:

ProductID	Product Name	Price	Quantity
104	Banana	4.55	98.0