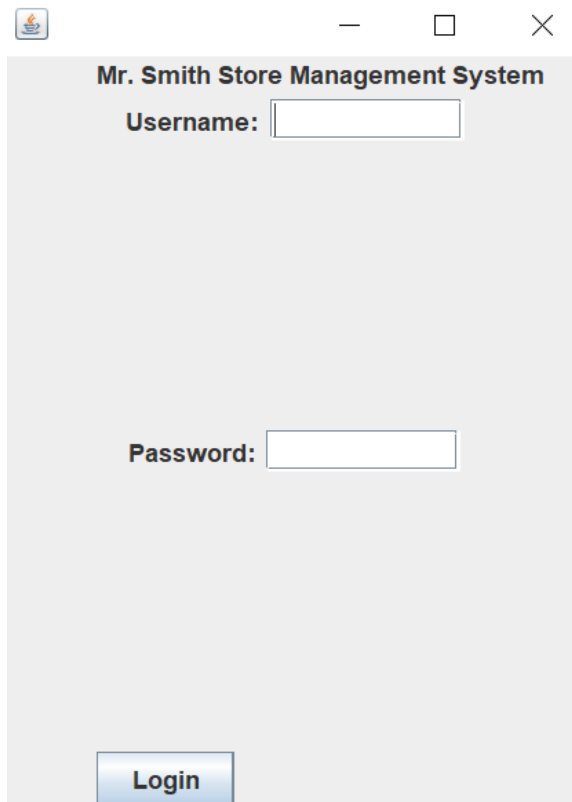


Katelyn Harrison and Jeriel Ng

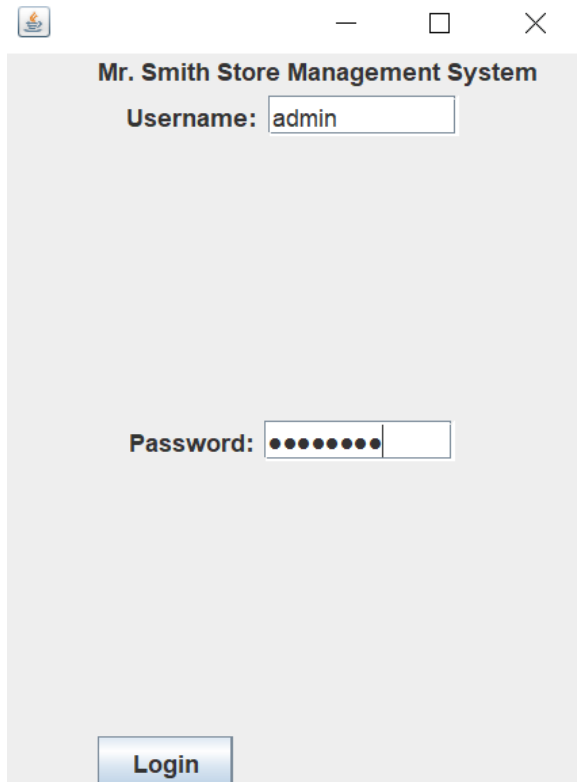
Iteration 2 Testing

- Scenario 1: Test to make sure a user can log into the system

Run the system and the login screen will appear

A screenshot of a web application window titled "Mr. Smith Store Management System". The window has a standard OS-style title bar with a minimize button, a maximize button, and a close button. The main content area is light gray. At the top, the title "Mr. Smith Store Management System" is displayed in bold. Below the title, there is a "Username:" label followed by a text input field. Further down, there is a "Password:" label followed by a text input field. At the bottom left of the form area, there is a blue "Login" button. The entire form is enclosed in a thin blue border.

Step 1: Login to the system using the user information: admin & passw0rd



A screenshot of a login window titled "Mr. Smith Store Management System". The window has a standard OS-style title bar with a small icon on the left and minimize, maximize, and close buttons on the right. The main content area is light gray. At the top, the title "Mr. Smith Store Management System" is displayed in bold black text. Below the title, the label "Username:" is followed by a text input field containing the text "admin". Further down, the label "Password:" is followed by a password input field with ten black dots. At the bottom left, there is a blue button with the text "Login" in white.

Mr. Smith Store Management System

Username:

Password:

Login

Step 2: The system will now open to the Main Screen



A screenshot of the main screen of the "Mr. Smith Store Management System". The window has the same title bar as the login window. The main content area is light gray. At the top, the title "Mr. Smith Store Management System" is displayed in bold black text. In the center of the screen, there are three blue buttons arranged horizontally. The first button on the left is labeled "Checkout", the middle button is labeled "Update Profile", and the third button on the right is labeled "Manager Features". All buttons have white text.

Mr. Smith Store Management System

Checkout Update Profile Manager Features

- Scenario 2: Test to make sure that a user can change their login password

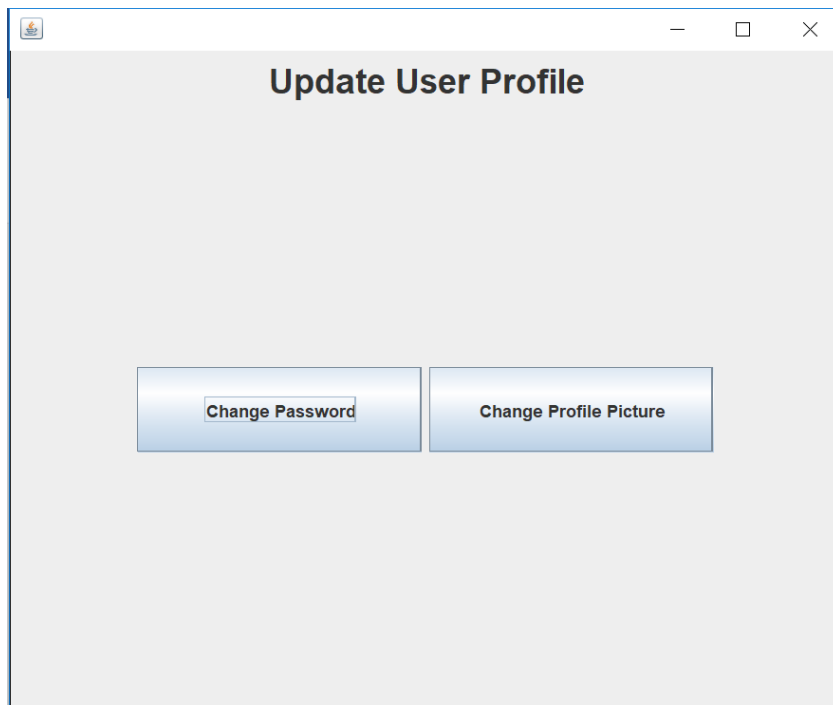
Step 1: We will look at the username and passwords for the users currently

	UserID	UserName	Password	DisplayName	IsManager	PictureName
	Filter	Filter	Filter	Filter	Filter	Filter
1	0	admin	passw0rd	Adam Smith	1	bruno_mars.jpg
2	1	josh	tunein123	JoshSmith	0	default.jpg
3	2	mrsmithrox	blablabla	Mr Smith	1	default.jpg
4	4	jeffsessions	abcdefg	jeff session	0	default.jpg
5	5	RoyMoore	password1	roy da boi	0	default.jpg
6	6	sam	sammy	Sam	0	default.jpg
7	7	johncena	lolita	John Cena	1	default.jpg

Step 2: Start on the Main Screen of the Store Management System



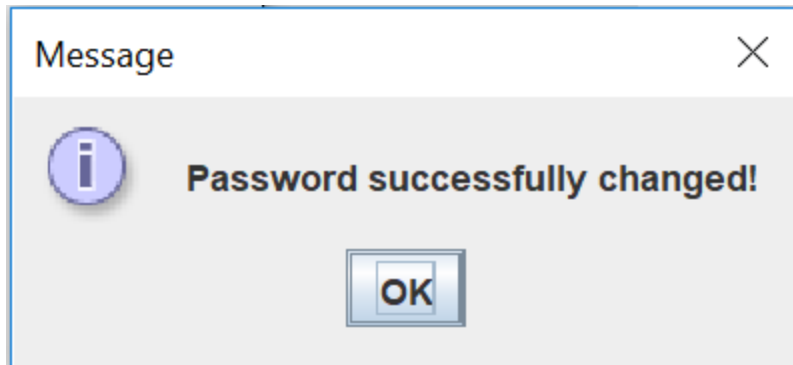
Step 3: Select the “Update Profile” button



Step 4: Select the "Change Password " button

A screenshot of the same "Update User Profile" window, but now it displays a form for changing the password. The two buttons from the previous screenshot are still present. Below them, there are two text input fields. The first is labeled "Old Password:" and the second is labeled "New Password:". To the right of these fields is a blue button with white text labeled "Submit Changes".

Step 5: Type in the old password and the new password that you want then submit and this pop up window will appear



Step 6: Now we will check the database to make sure that admin password has been changed from passw0rd to password

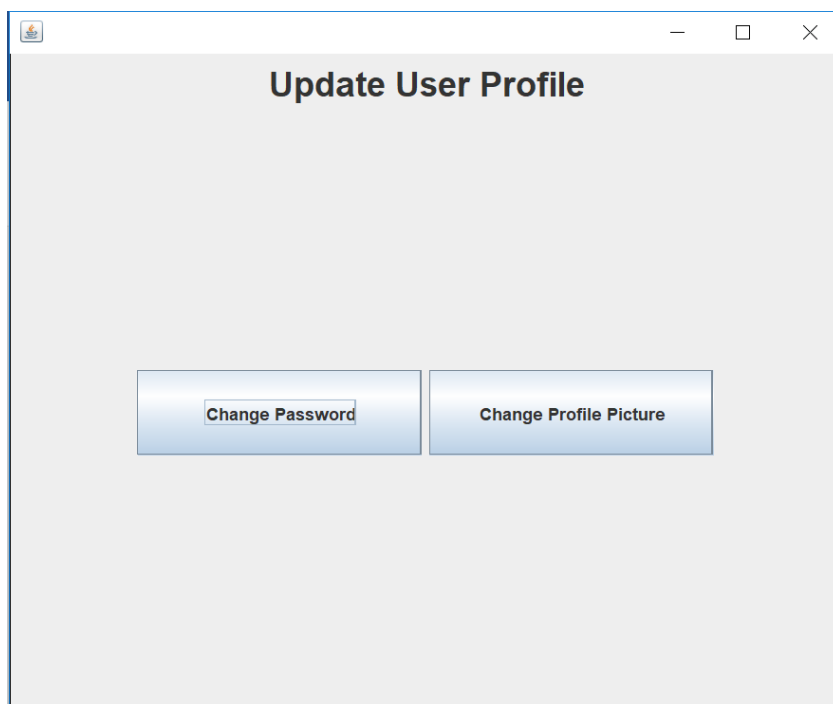
	UserID	UserName	Password	DisplayName	IsManager	PictureName
	Filter	Filter	Filter	Filter	Filter	Filter
1	0	admin	password	Adam Smith	1	bruno_mars.jpg
2	1	josh	tunein123	JoshSmith	0	default.jpg
3	2	mrsmithrox	blablabla	Mr Smith	1	default.jpg
4	4	jeffsessions	abcdefg	jeff session	0	default.jpg
5	5	RoyMoore	password1	roy da boi	0	default.jpg
6	6	sam	sammy	Sam	0	default.jpg
7	7	johncena	lolita	John Cena	1	default.jpg

- Scenario 3: Test to make sure that a user can change their display/profile picture

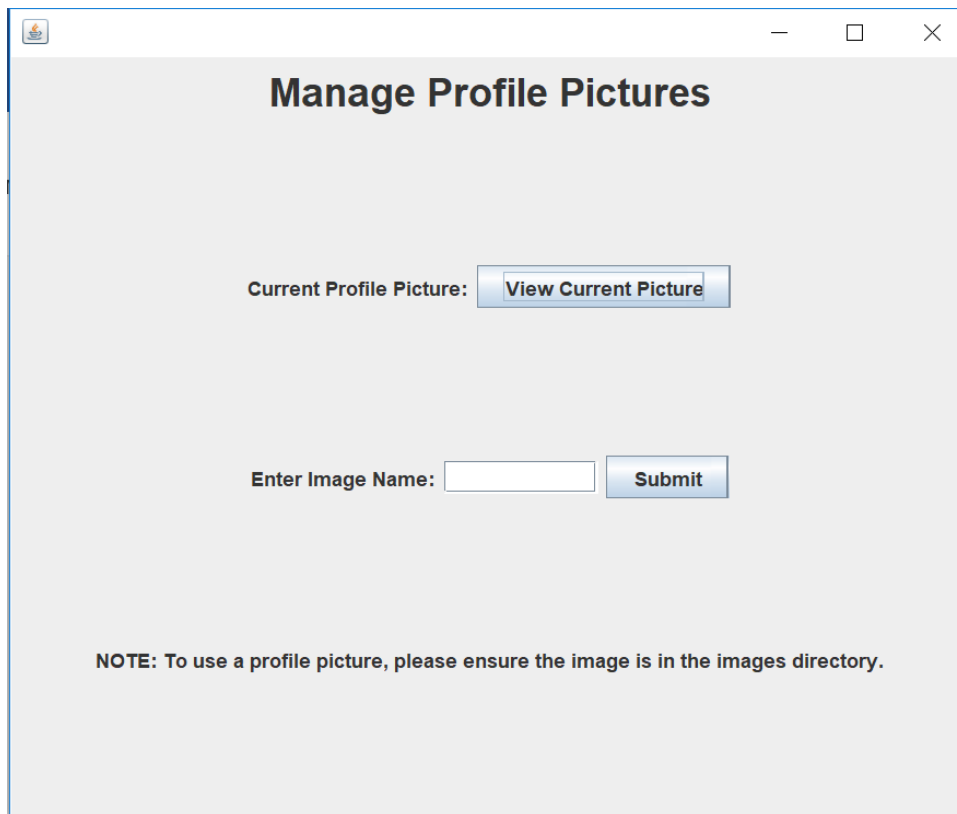
Start on the main screen of the Store Database Management System



Step 1: Select the "Update Profile" button



Step 2: Select the "Change Profile Picture" button



The screenshot shows a web application window with a title bar containing a small icon and standard window controls (minimize, maximize, close). The main content area has a light gray background and is titled "Manage Profile Pictures" in a large, bold, black font. Below the title, there are two main sections. The first section is labeled "Current Profile Picture:" and contains a blue button with the text "View Current Picture". The second section is labeled "Enter Image Name:" and contains a white text input field followed by a blue button with the text "Submit". At the bottom of the form, there is a "NOTE:" in bold, followed by the text "To use a profile picture, please ensure the image is in the images directory."

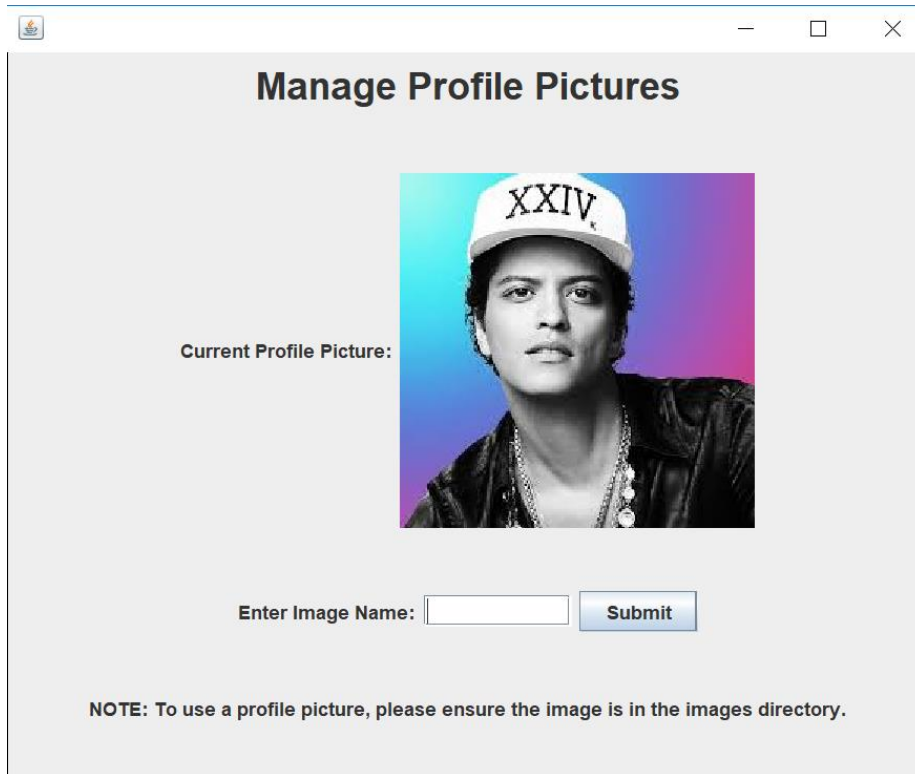
Manage Profile Pictures

Current Profile Picture: [View Current Picture](#)

Enter Image Name: [Submit](#)

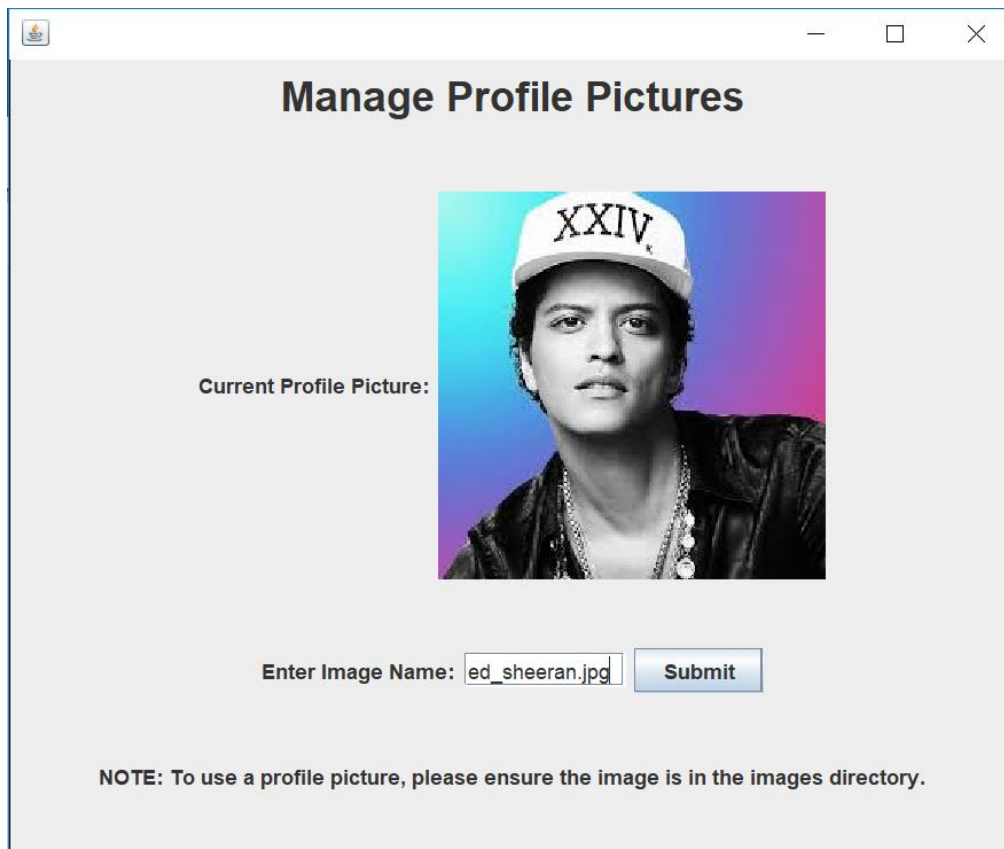
NOTE: To use a profile picture, please ensure the image is in the images directory.

Step 3: To view our current profile picture select the “View Current Picture” button

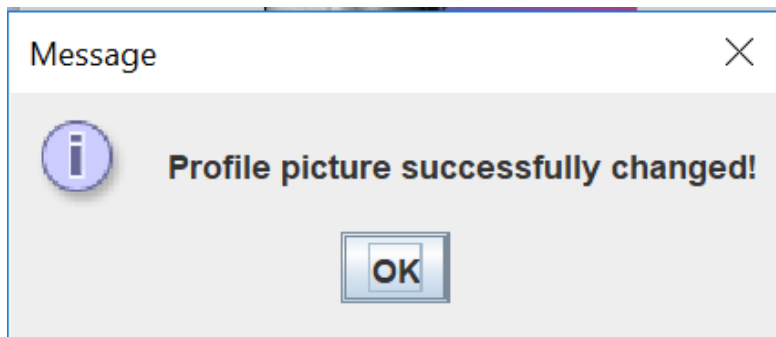


The image shows a web browser window titled "Manage Profile Pictures". Inside the window, there is a section labeled "Current Profile Picture:" followed by a square image of a person wearing a white baseball cap with "XXIV" on it, a black leather jacket, and a chain necklace. Below this image is a form with the label "Enter Image Name:" followed by a text input box and a blue "Submit" button. At the bottom of the window, there is a note: "NOTE: To use a profile picture, please ensure the image is in the images directory."

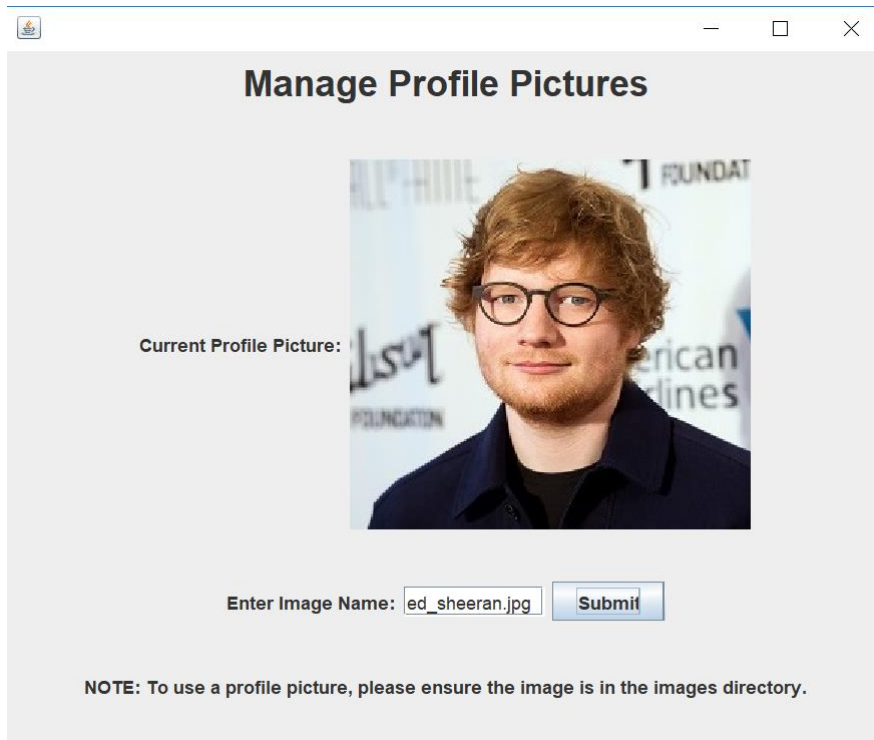
Step 4: Type in the file name (from the images folder) of the new profile picture you wish to select in the text box at the bottom of the screen



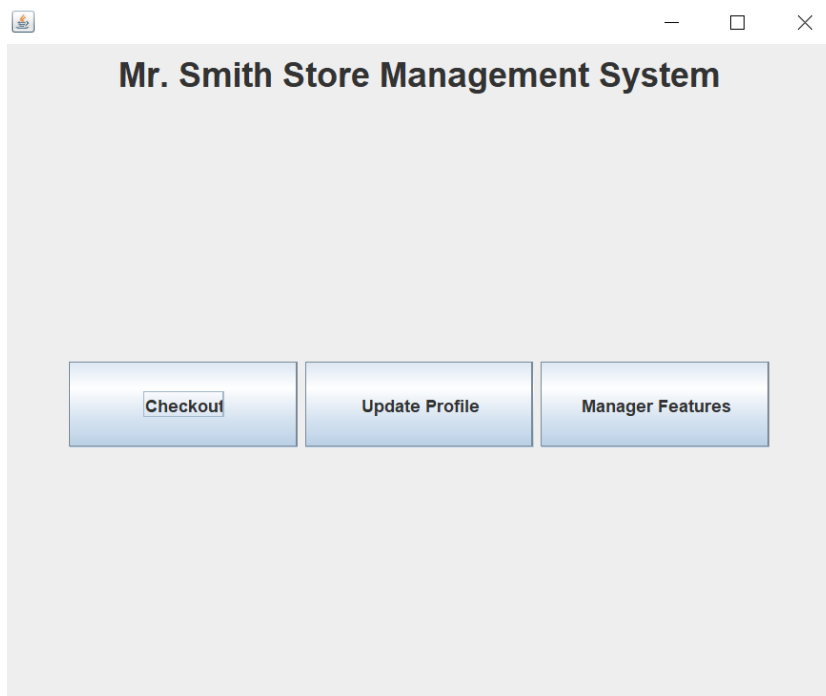
Step 5: Select submit and this message box will appear



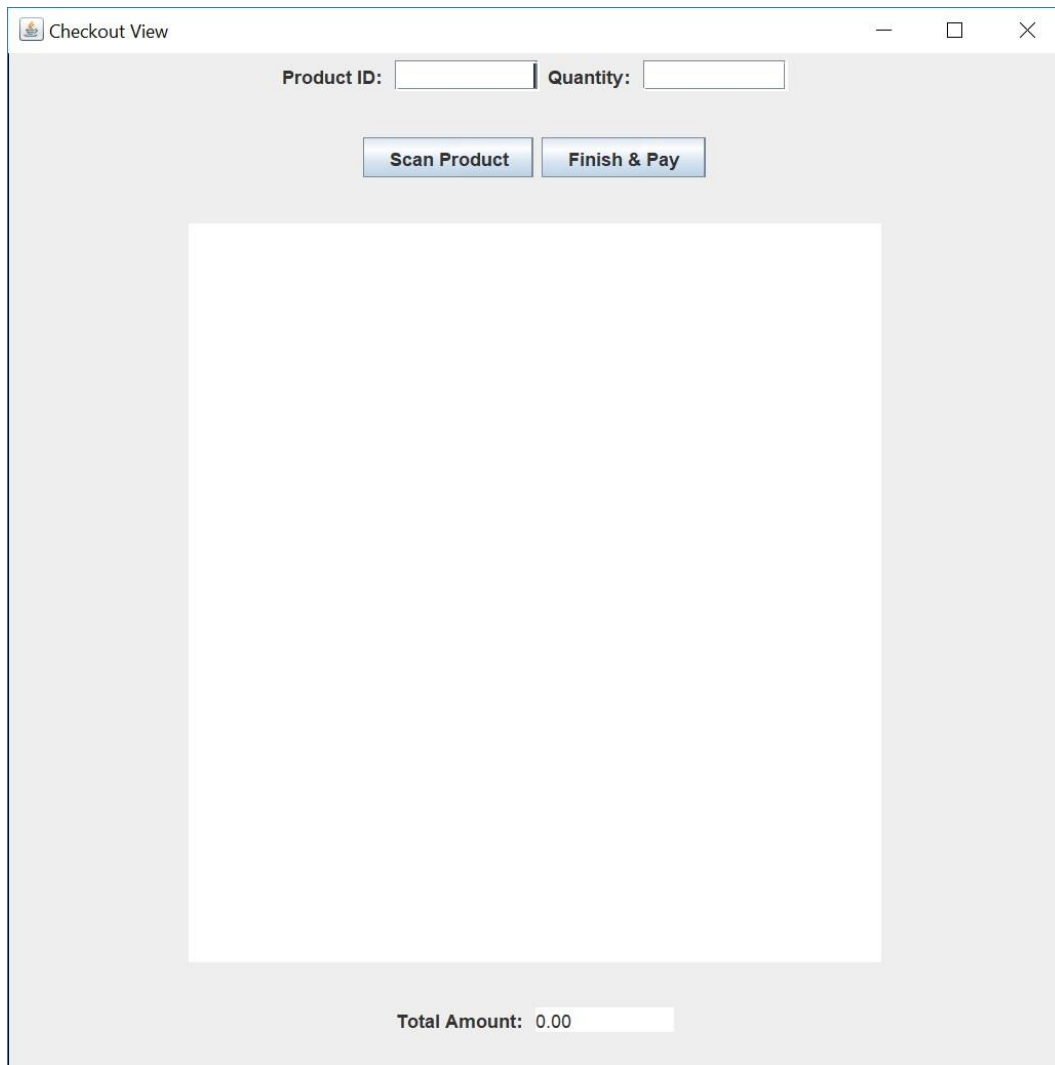
Step 6: And now we can see our new profile picture



- Scenario 4: Test to make sure that a cashier can check out all of the items a customer wishes to purchase. Start on the main screen of the Store Database Management System



Step 1: Choose “Checkout” from the main screen. This will open our Checkout View screen below:



The screenshot shows a web application window titled "Checkout View". The window has a light gray background. At the top, there are two input fields: "Product ID:" and "Quantity:". Below these fields are two buttons: "Scan Product" and "Finish & Pay". In the center of the window is a large, empty white rectangular area. At the bottom of the window, there is a label "Total Amount:" followed by a text input field containing the value "0.00".

Product ID: Quantity:

Total Amount:

Step 2: Add the products that the customer wishes to check out by putting in the product ID and the quantity of that item.

Checkout View

Product ID:

Quantity:

Scan Product

Finish & Pay

Total Amount:

Step 3: Select “Scan Product” and that product will be added to the checkout list.

The screenshot shows a window titled "Checkout View" with standard window controls (minimize, maximize, close). Inside the window, there are two input fields at the top: "Product ID:" and "Quantity:". Below these are two buttons: "Scan Product" and "Finish & Pay". A list of items is displayed in the center, with the first item being "2x Coconut Milk" with a price of "10.5". At the bottom of the window, there is a label "Total Amount:" followed by a text box containing the value "10.5".

Quantity	Product Name	Price
2x	Coconut Milk	10.5

Total Amount: 10.5

Step 4: Continue scanning products until the order is complete.

Checkout View

Product ID:

Quantity:

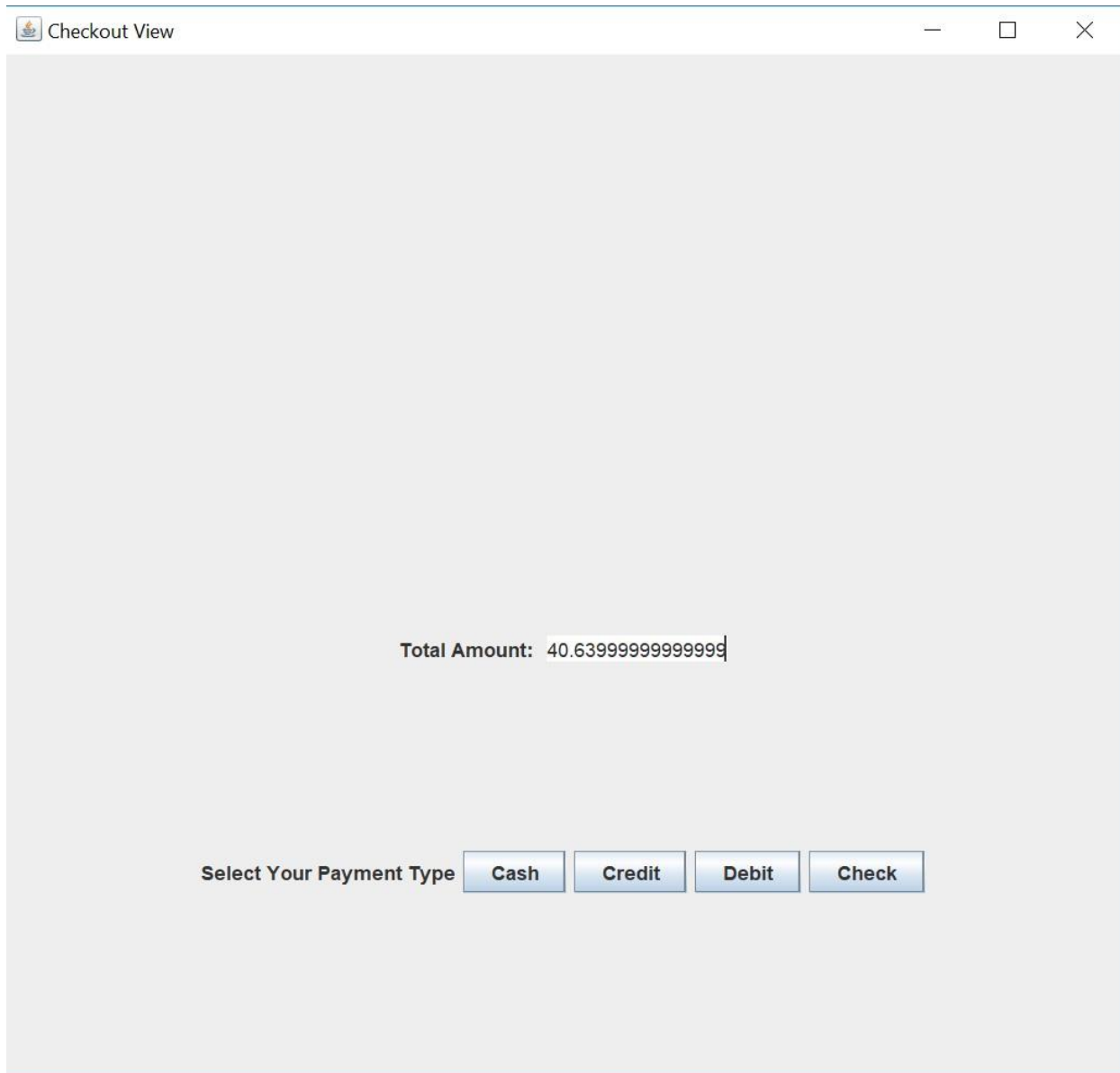
Scan Product

Finish & Pay

2x	Coconut Milk	10.5
1x	Rice	10.69
2x	Noodles	17.38
3x	Chopsticks	2.07

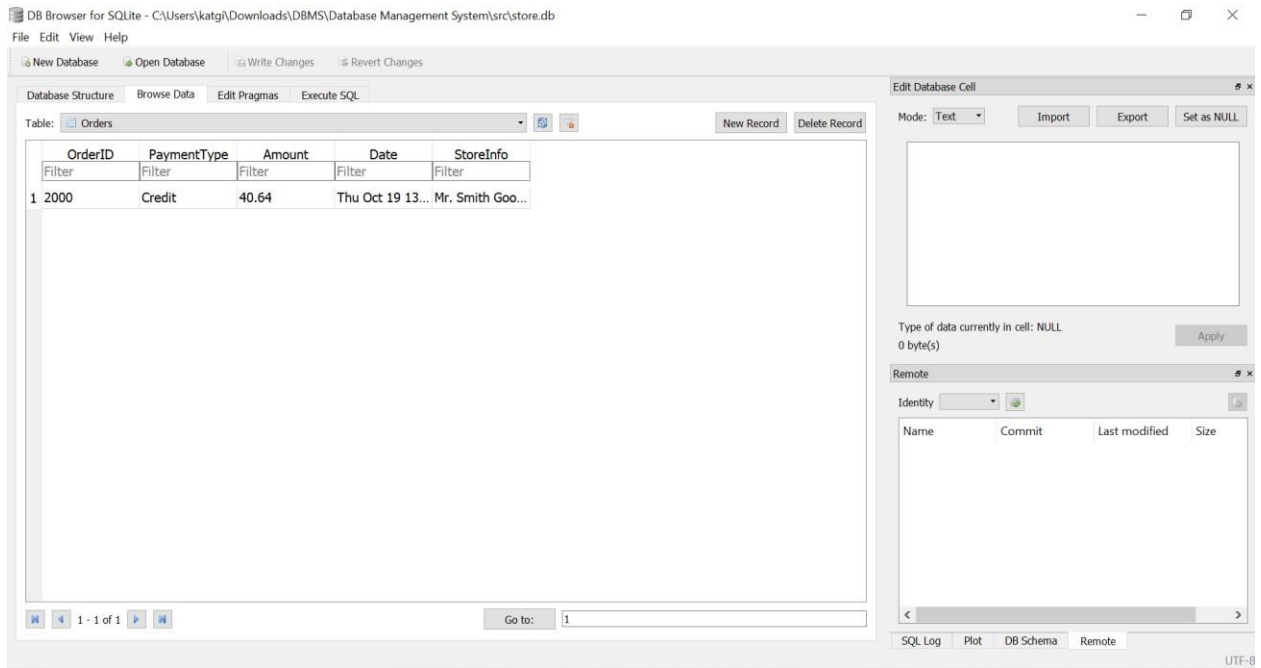
Total Amount: 40.63999999999999

Step 5: Select “Finish & Pay” which will take you to a screen where you can select a payment type



Step 6: Select your payment type and the screen will exit, confirming successful payment

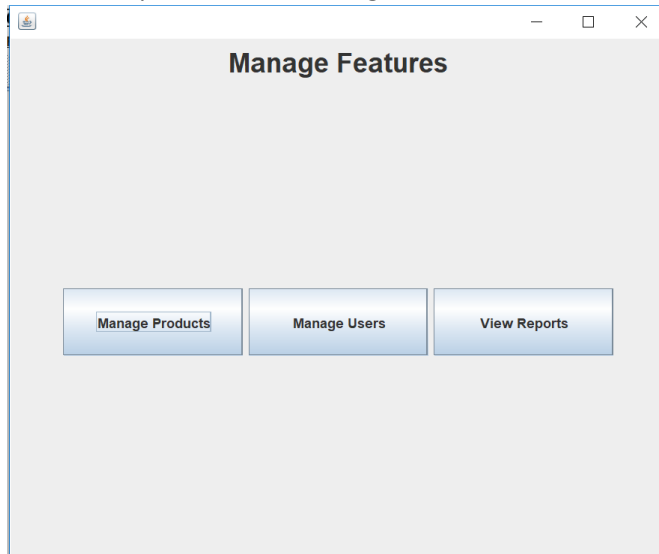
Step 7: To make sure that the order has been processed we can check the database to see that the order has been stored



- Scenario 5: Test to make sure that a manager can add a new product to the system. Start on the main screen of the Store Database Management System



Step 1: Choose “Manage Features” from the main screen



Step 2: From the new window we will select “Manage Products”. This will open our Product View screen below:

A screenshot of a software window titled "Product View". The window has a standard Windows-style title bar with a minimize button, a maximize button, and a close button. The main content area is light gray and contains several text input fields and two buttons. At the top, there is a "Product ID:" label followed by a text input field. Below that is a "Product Name:" label followed by a longer text input field. Further down, there are five labels: "Price:", "Quantity:", "Tax Rate:", "Expiration Date:", and "Supplier:". Each label is followed by a text input field. Below the "Quantity:" and "Tax Rate:" fields, there is a single long text input field. To the right of this long field is a "Unit:" label followed by a text input field. At the bottom of the window, there are two blue buttons with white text: "Load Product" and "Save Product".

Step 3: Fill in all of the empty text fields with the new product information

Product View

Product ID: 11116

Product Name: Coconut Milk

Price: 3.50 Quantity: 60 Tax Rate: 0.65 Expiration Date: 10/31/2017 Supplier: Coco Trading Co. Unit: 15

Load Product Save Product

Step 4: Select "Save Product" in the Product View window

Step 5: In order to check to make sure that the add function truly works, we can look in the database and see that it did get added.

DB Browser for SQLite - C:\Users\katg\Downloads\DBMS\Database Management System\src\store.db

File Edit View Help

New Database Open Database Write Changes Revert Changes

Database Structure Browse Data Edit Pragma Execute SQL

Table: Product

	ProductID	Name	Price	Quantity	TaxRate	ExpirationDate	Supplier	Unit
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	11111	Rice	10.69	15.0	0.2	10/21/2018	Woo Ah Moy ...	20.0
2	11112	Noodles	8.69	20.0	0.2	10/21/2018	Woo Ah Moy ...	10.0
3	11113	Soy Sauce	4.2	45.0	0.1	1/13/2015	Panda Express	NULL
4	11114	Chopsticks	0.69	100.0	0.5	nil	Auburn Univer...	NULL
5	11115	Prawn	12.69	18.0	0.9	4/20/2013	Woo Ah Moy ...	NULL
6	11116	Coconut Milk	3.5	60.0	0.65	10/31/2017	Coco Trading ...	15.0

1 - 6 of 6

Go to: 1

Edit Database Cell

Mode: Text Import Export Set as NULL

11111

Type of data currently in cell: Text / Numeric
5 char(s)

Apply

Remote

Identity

Name	Commit	Last modified	Size
------	--------	---------------	------

SQL Log Plot DB Schema Remote

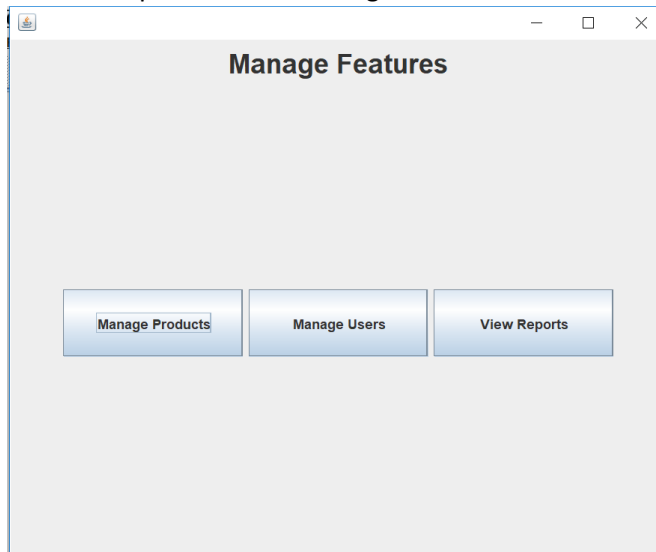
Create a new database file

UTF-8

- Scenario 6: Test to make sure that a manager can update an already existing product. Start on the main screen of the Store Database Management System



Step 1: Choose "Manage Features" from the main screen which will open a new window



Step 2: From this new window we will select "Manage Products". This will open our Product View screen below:

Product View

Product ID:

Product Name:

Price: Quantity: Tax Rate: Expiration Date: Supplier:

Unit:

Step 3: Load an already existing product into the text fields by typing in its product ID and selecting "Load Product"

Product View

Product ID:

Product Name:

Price: Quantity: Tax Rate: Expiration Date: Supplier:

Unit:

Product View

Product ID: 11116

Product Name: Coconut Milk

Price: 3.5 Quantity: 60.0 Tax Rate: 0.65 Expiration Date: 10/31/2017 Supplier: Coco Trading Co. Unit: 15.0

Load Product Save Product

Step 4: Make the necessary changes to the product information.

Product View

Product ID: 11116

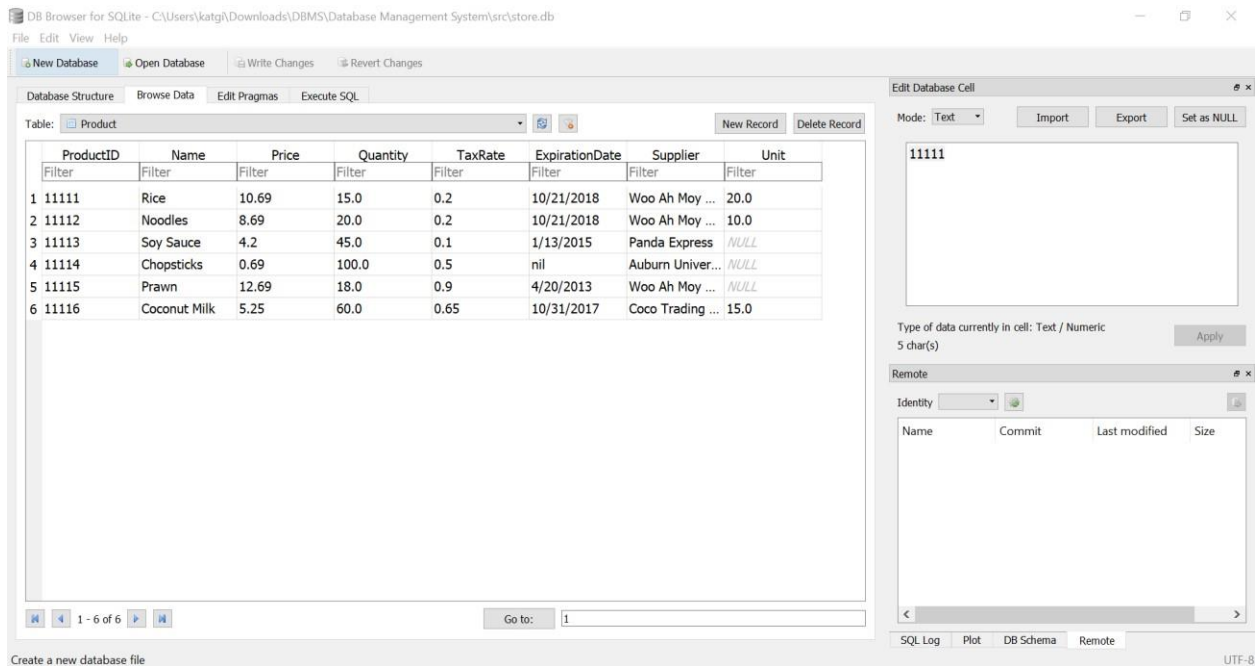
Product Name: Coconut Milk

Price: 5.25 Quantity: 60.0 Tax Rate: 0.65 Expiration Date: 10/31/2017 Supplier: Coco Trading Co. Unit: 15.0

Load Product Save Product

Step 5: Save the changes made to the product by selecting "Save Product"

Step 6: In order to check to make sure that the product information was updated, we can look in the database and see that Coconut Milk's price did get changed from \$3.50 to \$5.25.



- Scenario 7: Test to make sure that a manager can create a new user, assign roles, and generate a password for the new user.

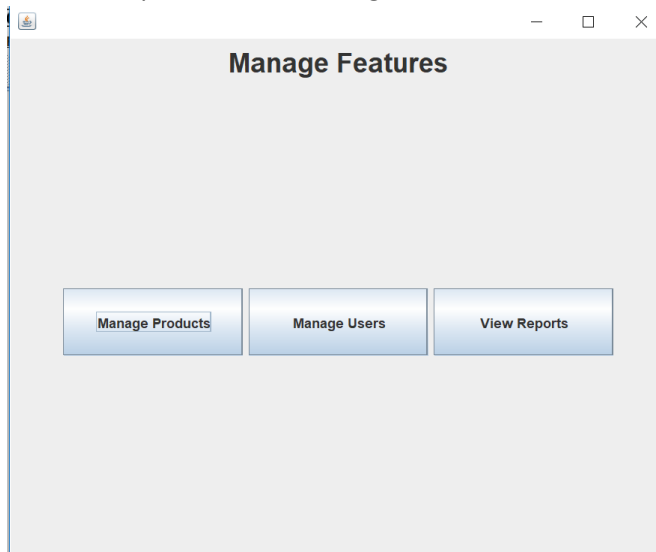
Step 1: We will look at the username and passwords for the users currently

	UserID	UserName	Password	DisplayName	IsManager	PictureName
	Filter	Filter	Filter	Filter	Filter	Filter
1	0	admin	passw0rd	Adam Smith	1	bruno_mars.jpg
2	1	josh	tunein123	JoshSmith	0	default.jpg
3	2	mrsmithrox	blablabla	Mr Smith	1	default.jpg
4	4	jeffsessions	abcdefg	jeff session	0	default.jpg
5	5	RoyMoore	password1	roy da boi	0	default.jpg
6	6	sam	sammy	Sam	0	default.jpg
7	7	johncena	lolita	John Cena	1	default.jpg

Step 2: Start on the main screen of the Store Database Management System



Step 3: Choose "Manage Features" from the main screen which will open a new window




Step 4: From this new window we will select "Manage Users". This will open our Manage Users screen below:

The image shows a web application window titled "User View". It contains several input fields and three buttons. The fields are labeled "User ID:", "User Name:", "Display Name:", "Password:", and "Set Manager Status (0 or 1):". The "User ID" field contains the number "8". The "User Name" field contains the text "Katelyn". The "Display Name" field contains the text "Katelyn". The "Password" field is empty. The "Set Manager Status (0 or 1)" field contains the text "d". The buttons are labeled "Load User Info", "Generate Password", and "Save User Info".

Step 5: Fill in the new user information for everything but the default password

The image shows the same "User View" window as before, but with the "Password" field now filled with a default password. The "User ID" field contains "8", the "User Name" field contains "Katelyn", the "Display Name" field contains "Katelyn", and the "Set Manager Status (0 or 1)" field contains "d". The "Password" field is now filled with a default password. The buttons "Load User Info", "Generate Password", and "Save User Info" are still present.

Step 6: Now select the "Generate Password" button at the bottom and the default password will be generated in the password text field

 User View
 — □ ×

User ID:

User Name:

Display Name: Password: Set Manager Status (0 or 1):

Step 7: Select the “Save User” button at the bottom of the screen and we can check the database to see that the user was saved

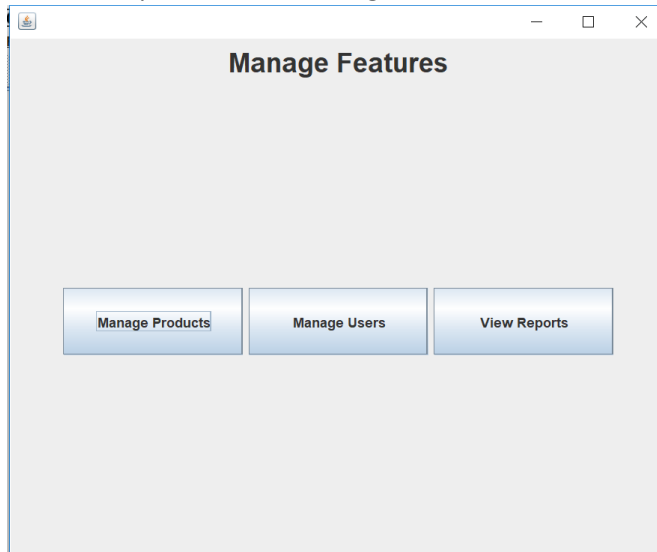
	UserID	UserName	Password	DisplayName	IsManager	PictureName
	Filter	Filter	Filter	Filter	Filter	Filter
1	0	admin	passw0rd	Adam Smith	1	bruno_mars.jpg
2	1	josh	tunein123	JoshSmith	0	default.jpg
3	2	mrsmithrox	blablabla	Mr Smith	1	default.jpg
4	4	jeffsessions	abcdefg	jeff session	0	default.jpg
5	5	RoyMoore	password1	roy da boi	0	default.jpg
6	6	sam	sammy	Sam	0	default.jpg
7	7	johncena	lolita	John Cena	1	default.jpg
8	8	Katelyn	password1	Katelyn	0	default.jpg

- Scenario 8: Test to make sure that a manager can view Business Reports.

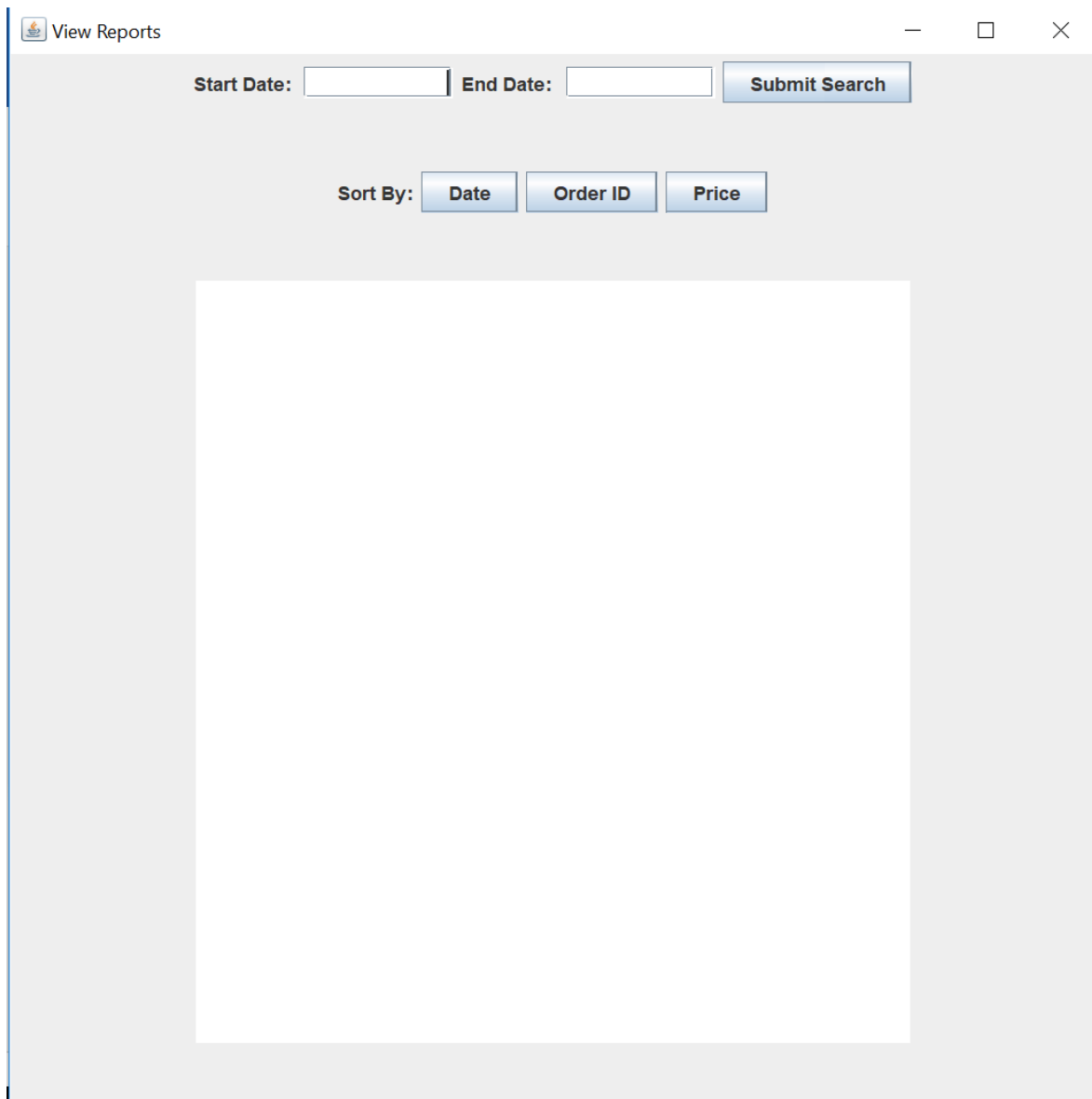
Start on the main screen of the Store Database Management System



Step 1: Choose "Manage Features" from the main screen which will open a new window



Step 2: From this new window we will select "View Reports". This will open our Business Reports screen below:



The image shows a web application window titled "View Reports". At the top, there are two input fields labeled "Start Date:" and "End Date:", followed by a blue button labeled "Submit Search". Below these, there is a "Sort By:" label followed by three buttons: "Date", "Order ID", and "Price". The central area of the window is a large, empty white rectangle, likely intended for displaying the search results.

Step 3: Put in the start date and end date for the dates that you wish to view the business reports for and select "Submit Search"

View Reports

Start Date:

1/2/2017

End Date:

9/30/2017

Submit Search

Sort By:

Date

Order ID

Price

Order ID	Amount	Date
22221	69.0	4/20/2017
22222	17.38	9/15/2017
22223	4.2	9/16/2017
22224	35.69	9/11/2017
22225	3.5	4/20/2017
Total Monthly Revenue:		\$129.77

Step 4: We can now use the Sort Buttons at the top to sort by Date, Order ID, and Price

Start Date: End Date:

Sort By:

Date	OrderID	Amount
4/20/2017	22221	69.0
4/20/2017	22225	3.5
9/11/2017	22224	35.69
9/15/2017	22222	17.38
9/16/2017	22223	4.2
Total Monthly Revenue:		\$129.77

Start Date: End Date:

Sort By:

Order ID	Amount	Date
22221	69.0	4/20/2017
22222	17.38	9/15/2017
22223	4.2	9/16/2017
22224	35.69	9/11/2017
22225	3.5	4/20/2017

Total Monthly Revenue: \$129.77

Start Date: End Date:

Sort By:

Amount	OrderID	Date
17.38	22222	9/15/2017
3.5	22225	4/20/2017
35.69	22224	9/11/2017
4.2	22223	9/16/2017
69.0	22221	4/20/2017

Total Monthly Revenue: \$129.77