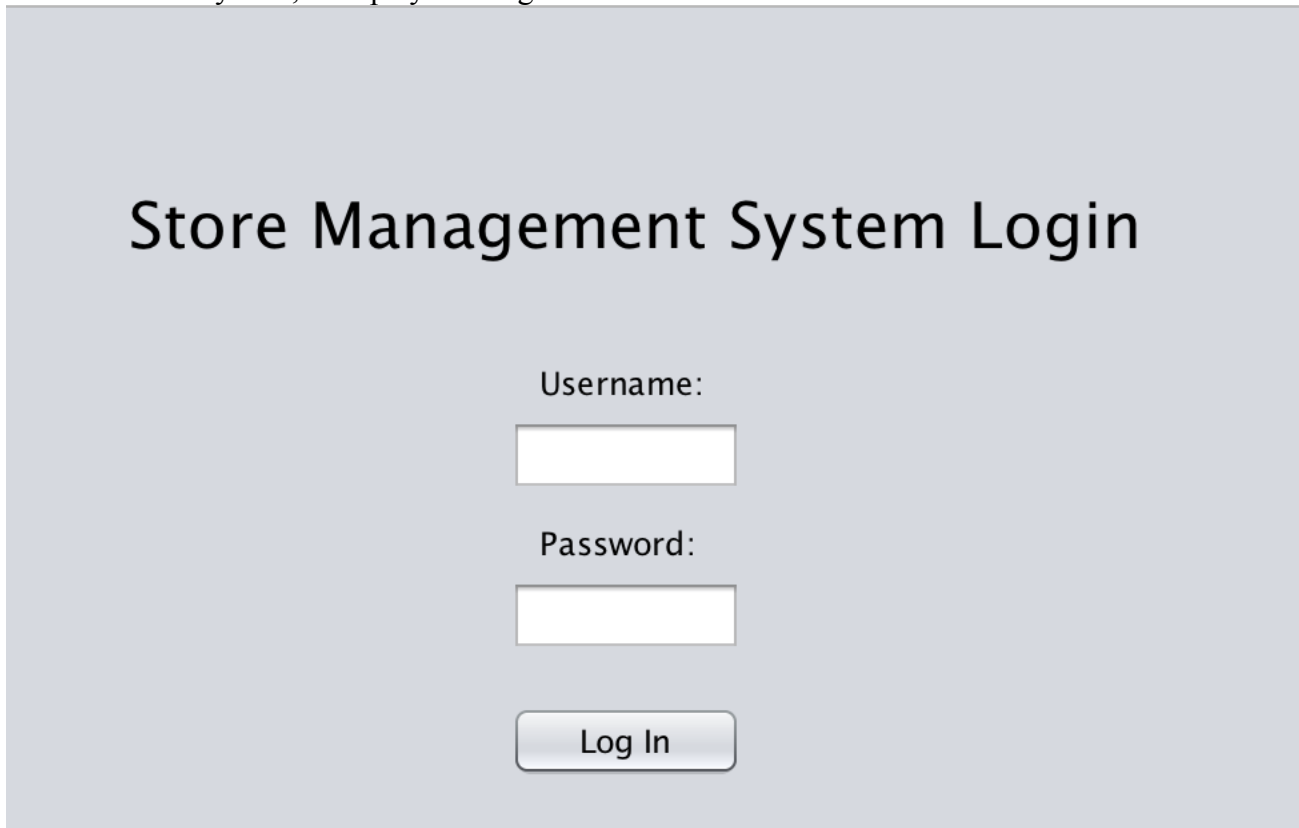
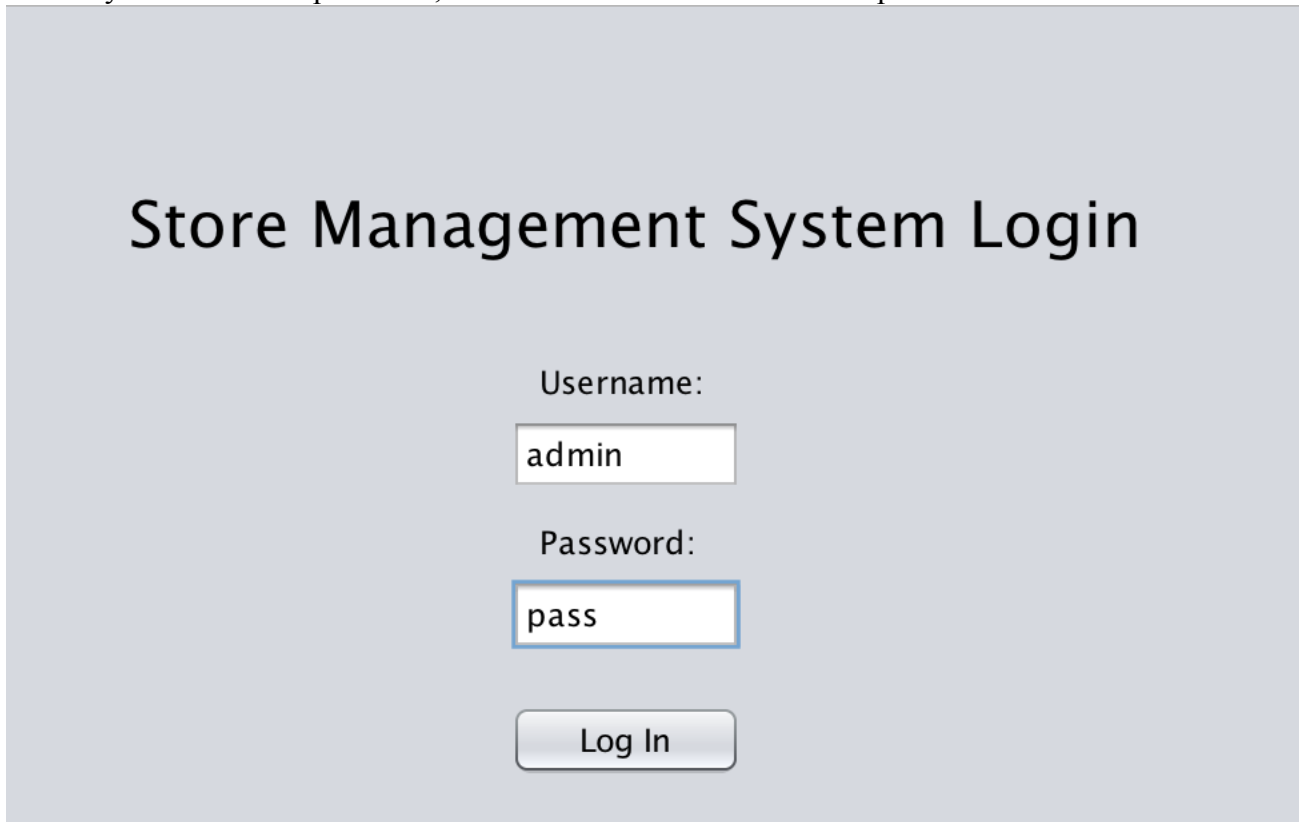


Use Case 1: “As a user (cashier or manager) I want to log in to the system.”  
When I start the system, it displays the log in screen.



The image shows a login screen for a 'Store Management System'. The title 'Store Management System Login' is centered at the top in a large, bold, black font. Below the title, the label 'Username:' is positioned above a white rectangular input field. Further down, the label 'Password:' is positioned above another white rectangular input field. At the bottom of the form, there is a rounded rectangular button with a light gray gradient and the text 'Log In' in black.

I enter my username and password, in this case for the default admin profile.



This image shows the same login screen as the previous one, but with the input fields filled. The 'Username' field now contains the text 'admin' and the 'Password' field contains the text 'pass'. The 'Log In' button remains at the bottom. The password field has a blue border, indicating it is the active element.

I hit Log In. The system displays the main screen.

Welcome, admin

View Profile

Checkout

Manage

Log Out

Use Case 2: “As a user, I want to change my login password.”  
From the main screen, I select View Profile.



The system displays the profile screen.



I select Change Password. The system shows the password change interface.



Change Profile Picture

Change Password

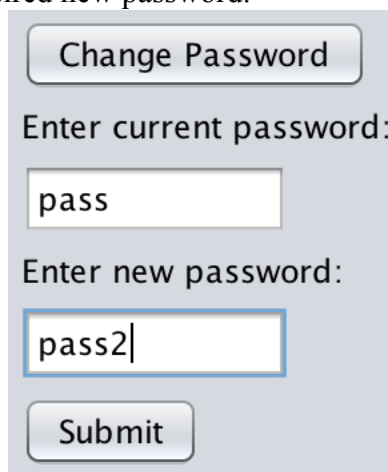
Enter current password:

Enter new password:

Submit

Cancel

I enter my current password and desired new password.



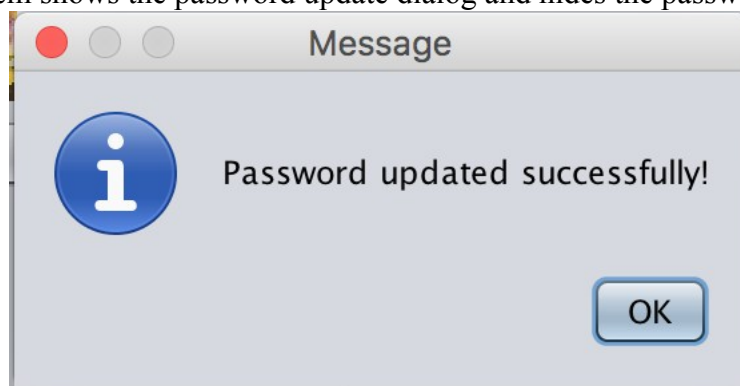
Change Password

Enter current password:

Enter new password:

Submit

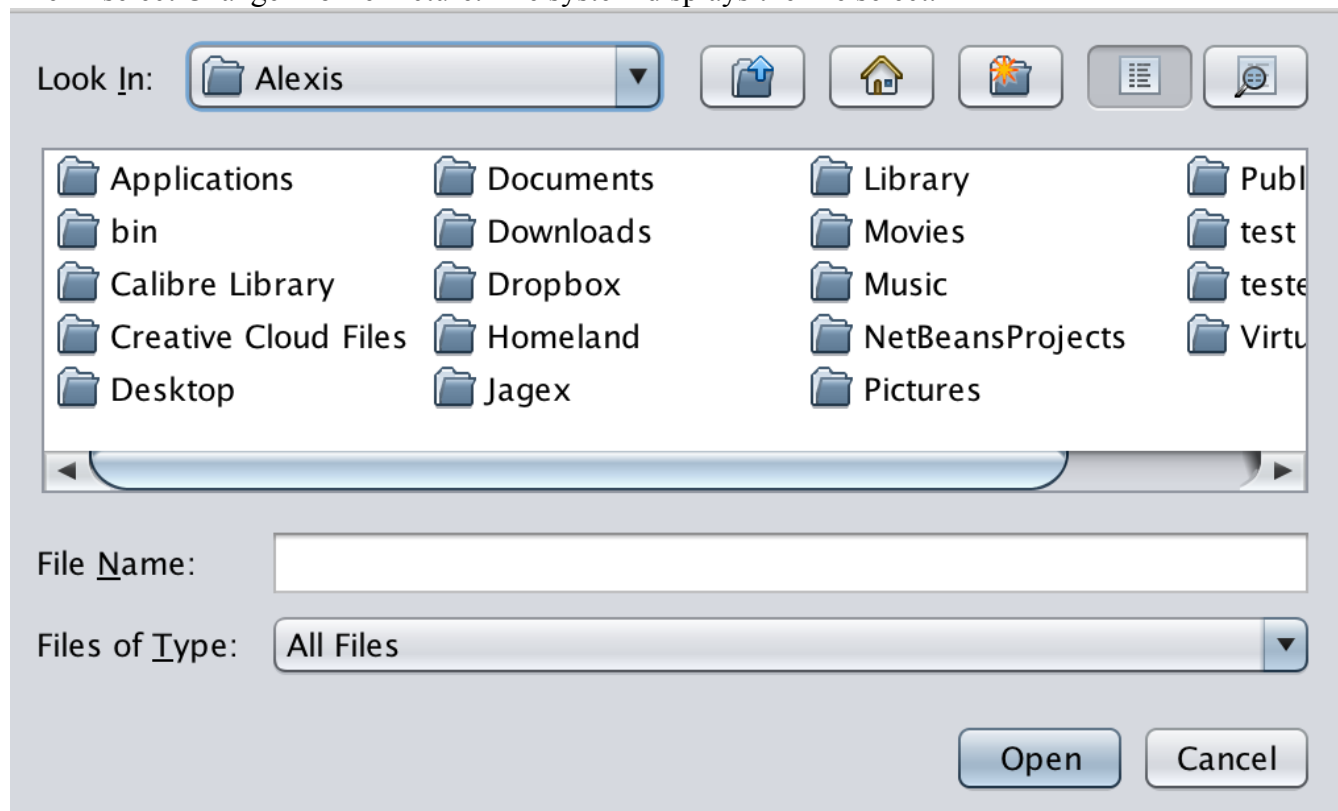
I hit Submit. The system shows the password update dialog and hides the password change interface.



Use Case 3: “As a user, I want to change my display/profile photo.”  
First, I start in the profile screen.



Then I select Change Profile Picture. The system displays the file select.



I navigate to and choose my profile picture. The system returns to the profile screen, with the picture

changed.



admin

Username: admin

Role: Manager

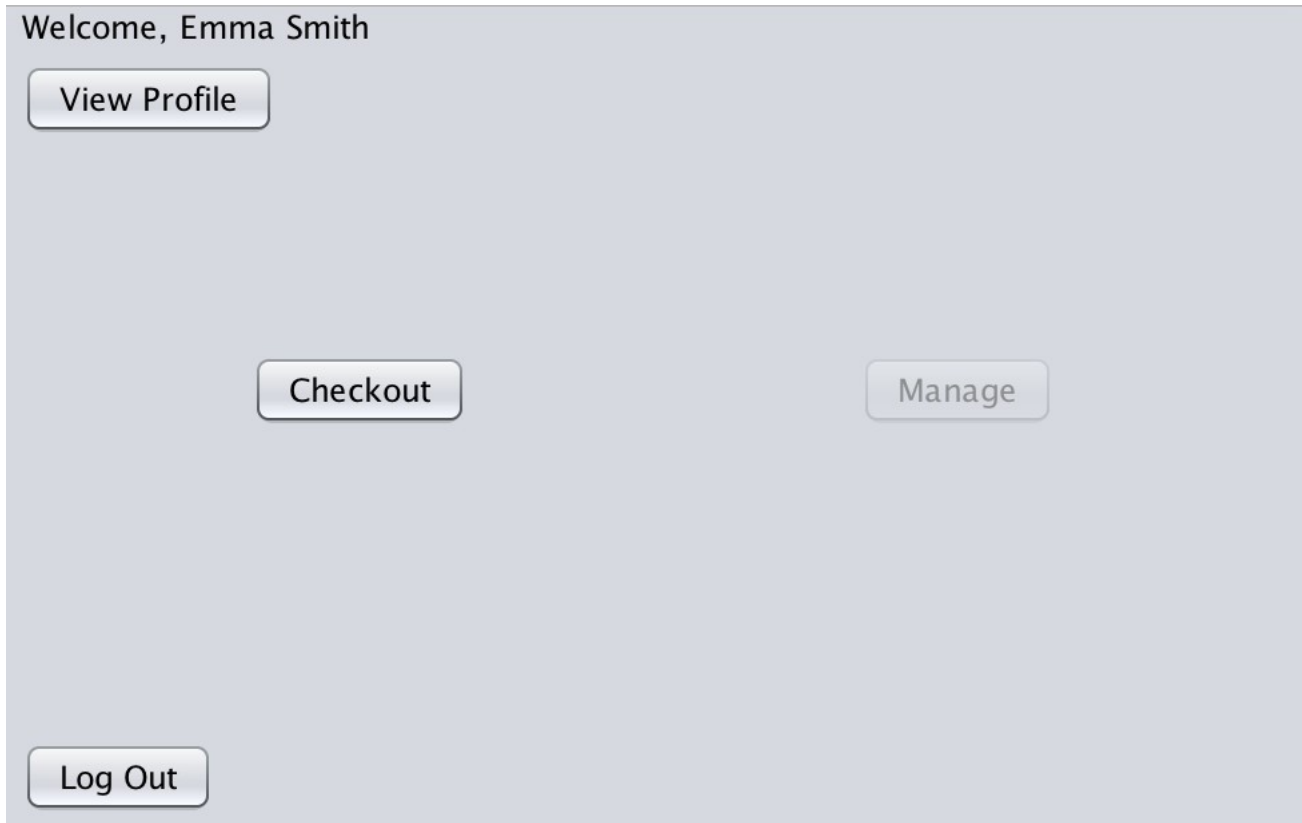
Change Profile Picture

Change Password

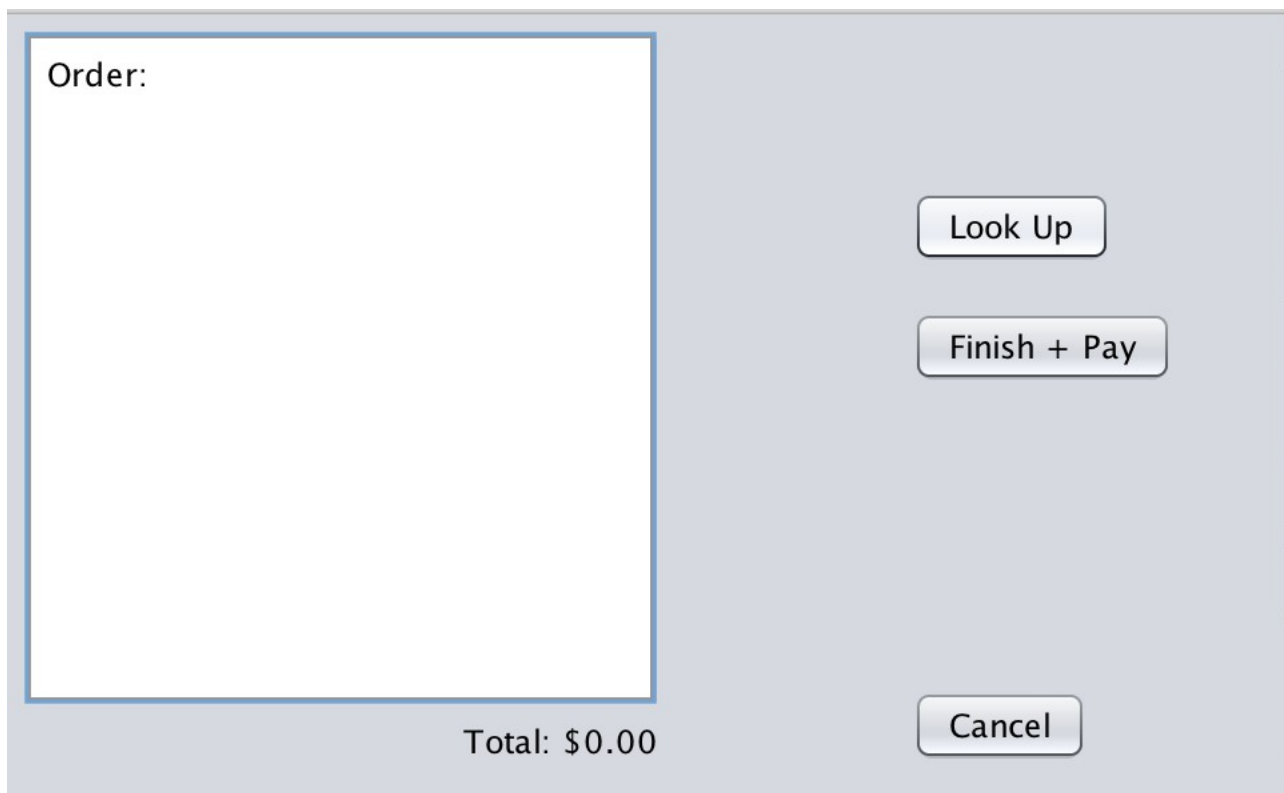
Cancel

Use Case 4: “As a cashier, I want to check out an order”

First I select “Checkout” from the main screen. Manage is greyed out because Emma Smith is a cashier.



System displays order screen.



Then I select Lookup. System displays lookup screen.

The screenshot shows a 'Lookup' screen. On the left, a scrollable list displays items with their IDs and prices. On the right, there is a search form with a text input, a 'Search' button, and two input fields for 'Enter ID' and 'Quantity'. At the bottom are 'Cancel' and 'Submit' buttons.

Item	ID	Price
Pineapple	987652	\$3.50
Paper Plate	2719364	\$2.10
Bread	3819038	\$1.56
Apple	7568087	\$1.87
Oranges	9320193	\$5.88

Search

Search

Search

Enter ID

ID

Quantity

Quantity

Cancel

Submit

Then I choose an item, in this case, an Apple, and enter the ID and Quantity.

This screenshot is identical to the previous one, but the 'Apple' item is selected in the list. The 'Enter ID' field now contains '7568087' and the 'Quantity' field contains '3'.

Item	ID	Price
Pineapple	987652	\$3.50
Paper Plate	2719364	\$2.10
Bread	3819038	\$1.56
Apple	7568087	\$1.87
Oranges	9320193	\$5.88

Search

Search

Search

Enter ID

7568087

Quantity

3

Cancel

Submit

I hit Submit. System displays Order screen with new information.



Order:  
Apple            ID: 7568087  
Quantity: 3      Total: \$5.61

Look Up

Finish + Pay

Cancel

Total: \$5.61

I select another item, some Bread.

Order:  
Apple            ID: 7568087  
Quantity: 3      Total: \$5.61  
Bread            ID: 3819038  
Quantity: 1      Total: \$1.56

Look Up

Finish + Pay

Cancel

Total: \$7.17

I select Finish and Pay. The system asks me if I want a receipt.

Would you like a Receipt?

Text

HTML

No Receipt

I select Text. The system displays a dialogue affirming that a receipt has been made and giving me the name of the file.

Would you like a Receipt?

Message



Receipt created in receipt3.txt!

OK

I navigate to the receipt. It looks like this:

```
-----
Order Number: 3
Cashier: Emma Smith
Date: 2017-12-16
ProdID  Product Qty      Price  Total
-----
7568087 Apple   3.0    1.87   5.61
3819038 Bread   1.0    1.56   1.56
-----
Total: 7.17|
```

Use Case 5: “As a manager, I want to add a new product into the system's database.”  
First I select Manage from the main screen.

Welcome, admin

View Profile

Checkout

Manage

Log Out

The system displays the Management screen.

Add Product

Edit Product

Add User

Business Report

Cancel

Then I select Add Product. The system displays the product information screen.

### Add New Product

Name:

Product ID:

Price:

Quantity:

Vendor:

Expiration Date:

yyyy-mm-dd

Cancel

Submit

Then I enter the information for the product.

### Add New Product

Name:

Product ID:

Price:

Quantity:

Vendor:

Expiration Date:

yyyy-mm-dd

Cancel

Submit

Then I hit Submit. The system returns me to the Management screen.

Add Product

Edit Product

Add User

Business Report

Cancel

Use Case 6: “As a manager, I want to update a current product in the system's database.”  
First I select Manage from the main screen.

Welcome, admin

View Profile

Checkout

Manage

Log Out

The system displays the Management screen.

Add Product

Edit Product

Add User

Business Report

Cancel

Then I select Update. The system displays the update lookup screen.

Black Beans	ID: 532789
In Stock: 6	\$1.56
Pineapple	ID: 987652
In Stock: 1	\$3.50
Paper Plate	ID: 2719364
In Stock: 1	\$2.10
Bread	ID: 3819038
In Stock: 1	\$1.56
Apple	ID: 7568087
In Stock: 2	\$1.87
Oranges	ID: 9320193
In Stock: 2	\$5.88

Search

Search

Enter ID

Cancel

Submit

Then I choose an item, in this case an Apple, and enter the ID.

Black Beans	ID: 532789
In Stock: 6	\$1.56
Pineapple	ID: 987652
In Stock: 1	\$3.50
Paper Plate	ID: 2719364
In Stock: 1	\$2.10
Bread	ID: 3819038
In Stock: 1	\$1.56
Apple	ID: 7568087
In Stock: 2	\$1.87
Oranges	ID: 9320193
In Stock: 2	\$5.88

Search

Search

Enter ID

Cancel

Submit

Then I hit Submit. The system displays the Edit Product screen.



Edit Product

Name:

Product ID:

Price

Quantity:

Vendor:

Expiration Date:

yyyy-mm-dd

Then I edit the information of the product, changing Quantity from 2 to 5.

Edit Product

Name:

Product ID:

Price

Quantity:

Vendor:

Expiration Date:

yyyy-mm-dd

Then I hit Submit. The system returns me to the Management screen.

Add Product

Edit Product

Add User

Business Report

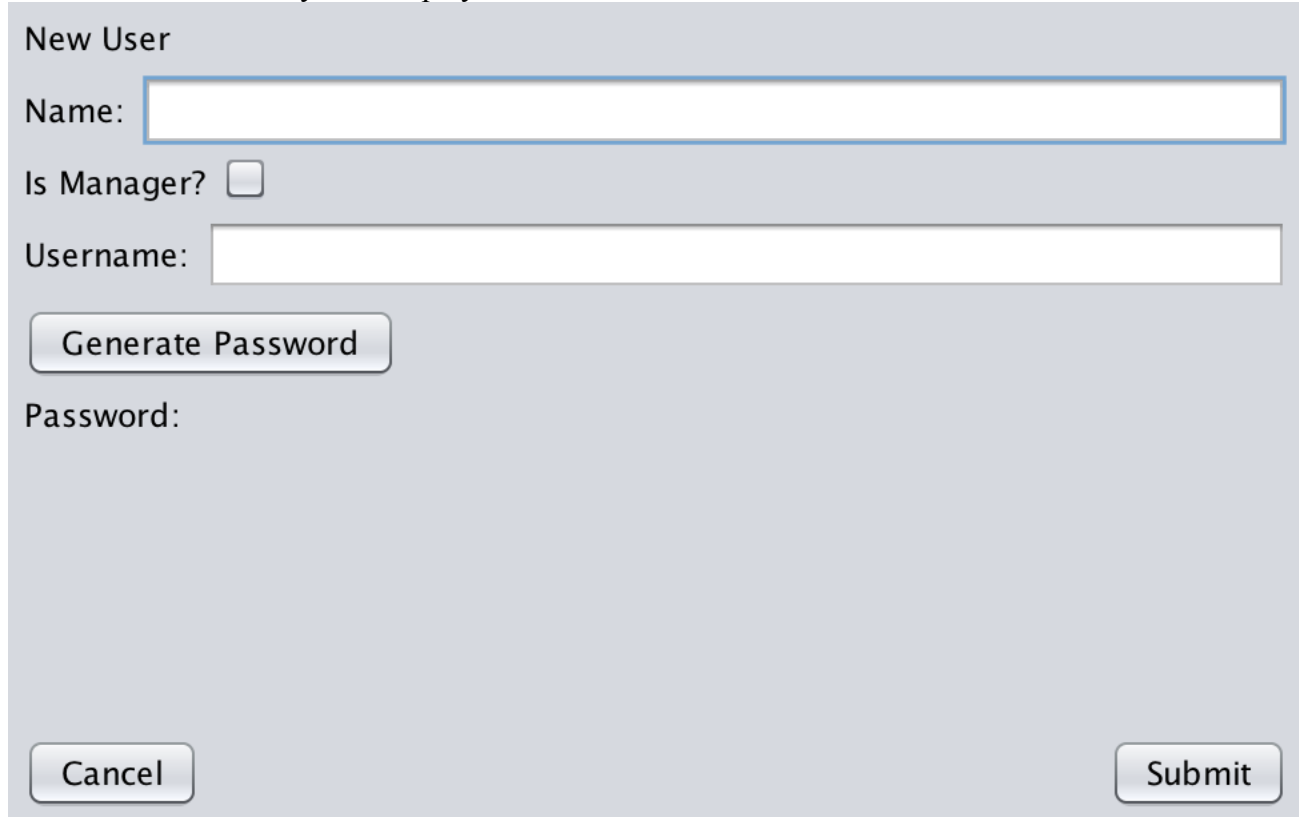
Cancel

Use Case 7: “As a manager, I want to create a new user, assign role (e.g. manager or cashier), generate a default password for a new user.”  
I start in the Management screen.



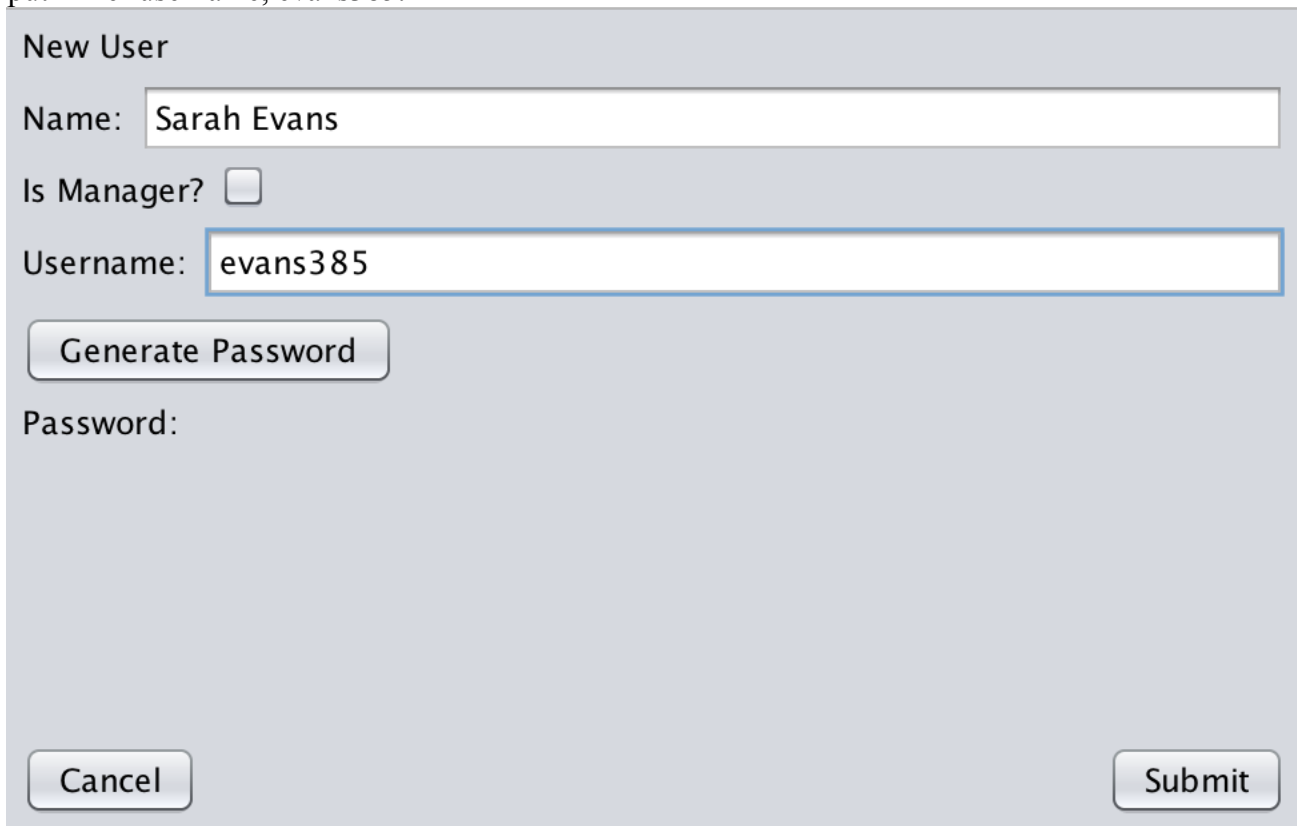
The Management screen interface features a light gray background. It contains four buttons arranged in a 2x2 grid: 'Add Product' (top-left), 'Edit Product' (top-right), 'Add User' (bottom-left), and 'Business Report' (bottom-right). All buttons have a light gray fill and a thin blue border. A 'Cancel' button is located at the bottom left of the screen.

I select Add User. The system displays the new user screen.



The New User screen interface has a light gray background. It starts with the title 'New User'. Below it is a 'Name:' label followed by a text input field. Underneath is the 'Is Manager?' label with an unchecked checkbox. This is followed by a 'Username:' label and another text input field. A 'Generate Password' button is positioned below the username field. At the bottom of the screen, there are two buttons: 'Cancel' on the left and 'Submit' on the right.

I put in the name of the new user, Sarah Evans. She is a cashier, so I leave the manager box unchecked. I put in her username, evans385.



New User

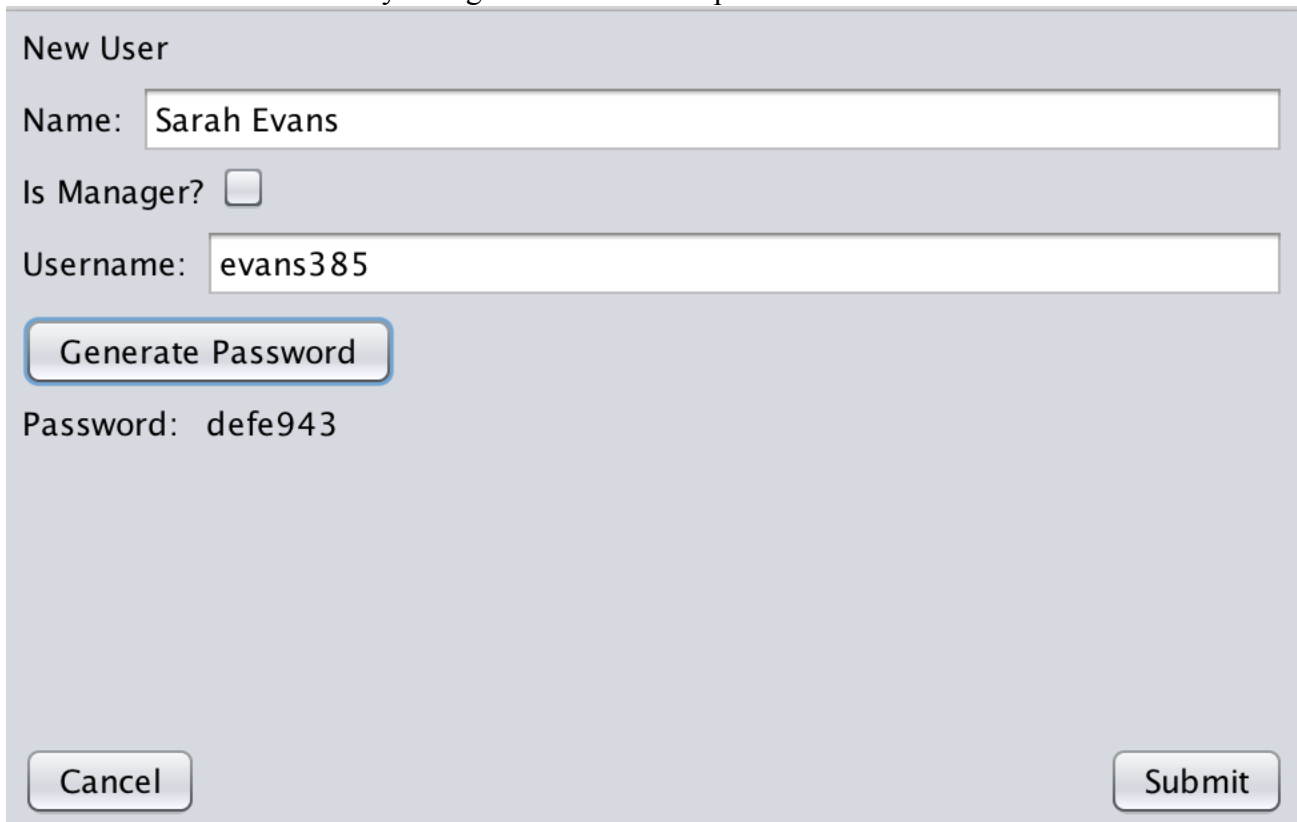
Name:

Is Manager? ☐

Username:

Password:

I hit Generate Password. The system generates a default password for me.



New User

Name:

Is Manager? ☐

Username:

Password: defe943

I hit Submit. The system returns me to the Management screen.

Use Case 8: “As a manager, I want to view and sort the business report: e.g., what products are sold, how many units, how much revenue...”  
I start on the Management screen.



The Management screen features a light gray background with four buttons arranged in a 2x2 grid. The buttons are 'Add Product', 'Edit Product', 'Add User', and 'Business Report'. A 'Cancel' button is located at the bottom left of the screen.

I select Business Report. The system displays the Business Report, sorted by name alphabetically.



The Business Report screen displays a table with the following data:

Name	Product ID	Total Sold	Total Revenue
Apple	7568087	7	\$13.09
Bread	3819038	3	\$4.68
Oranges	9320193	2	\$11.76
Paper Plate	2719364	3	\$6.30
Pineapple	087652	5	\$17.50

Below the table, there are eight buttons for sorting: 'Name Asc', 'ID Asc', 'Sold Asc', 'Revenue Asc', 'Name Desc', 'ID Desc', 'Sold Desc', and 'Revenue Desc'. A 'Cancel' button is located at the bottom left of the screen.

I hit Sold Desc to see what items have sold the most. The system sorts by total sold, descending.

**Business Report**

Name	Product ID	Total Sold	Total Revenue
Apple	7568087	7	\$13.09
Pineapple	987652	5	\$17.50
Paper Plate	2719364	3	\$6.30
Bread	3819038	3	\$4.68
Oranges	9320193	2	\$11.76

I hit Revenue Asc to see which items have produced the least money. The system sorts by revenue, ascending.

**Business Report**

Name	Product ID	Total Sold	Total Revenue
Bread	3819038	3	\$4.68
Paper Plate	2719364	3	\$6.30
Oranges	9320193	2	\$11.76
Apple	7568087	7	\$13.09
Pineapple	987652	5	\$17.50

When I am done, I hit Cancel. The system returns me to the Management screen.