

Eastern New Mexico University

Movie Theater System

CS 234 Spring 2025

Movie Theater System User Guide

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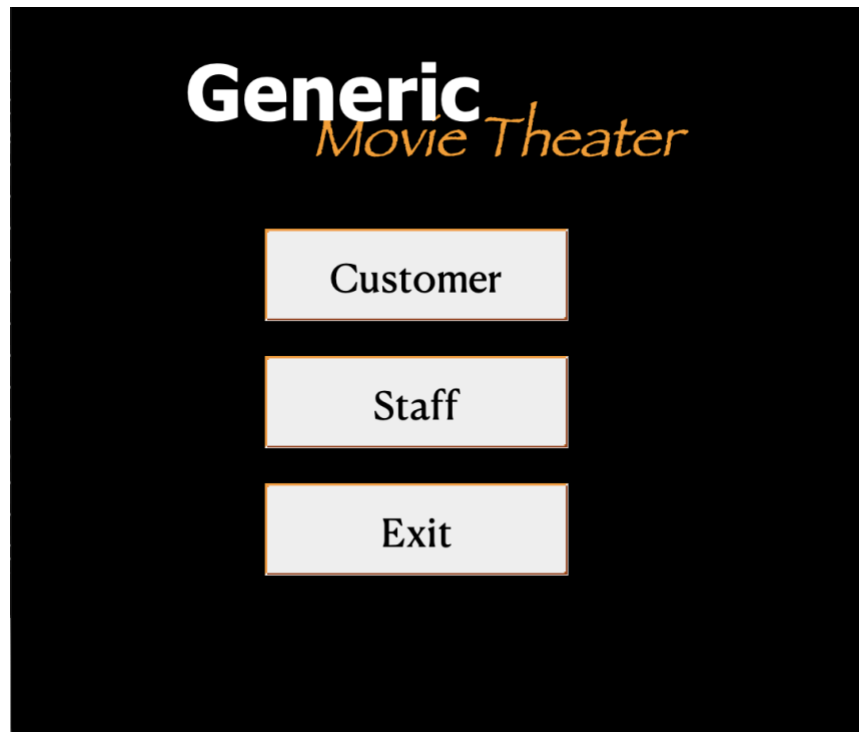
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1. Main Menu

The Main Menu is the first window the user will experience when running our program. Currently, there are three options to choose from depicted below in figure 1.1.

Figure 1.1



If user wishes to enjoy a movie or purchase anything from the concessions, "Customer" should be selected. If a member of the Staff would like to view options available to staff only, "Staff" should be selected. If the user should also choose to exit the program, the user can do so by select "Exit" or simply clicking the "x" button at the top of the window.

2. Customer Menu

2.1 Customer Main Menu

The customer main menu displays four options for the user to choose from (Figure 2.1). The first choice is "Login" where the user will be prompted to enter their member id, phone number, and a password to continue. The second choice is "Registration" where the user can enter information about themselves into various fields and become a member and begin earning points for money spent at the theater. The third option is "Login as Guest". If the user decides to not login or take the time to register, this option can be selected and go straight to the transaction menu. The fourth and last option is "Exit to Main Menu". The user can choose to go back if they wish to exit or came to the customer menu in error.

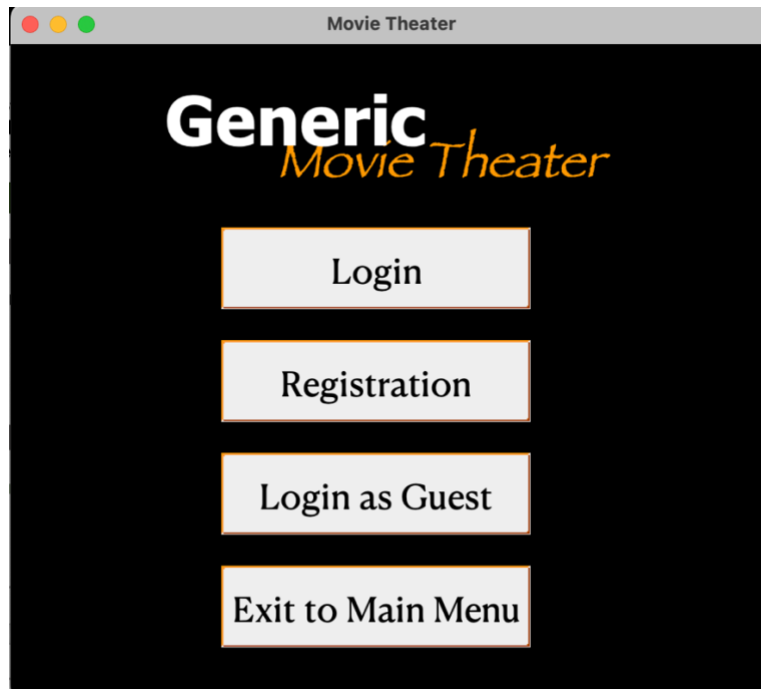


Figure 2.1

2.2 Login Option

Once the login option has been selected, a prompt will appear for the user to enter his member id/phone number (Figure 2.2).

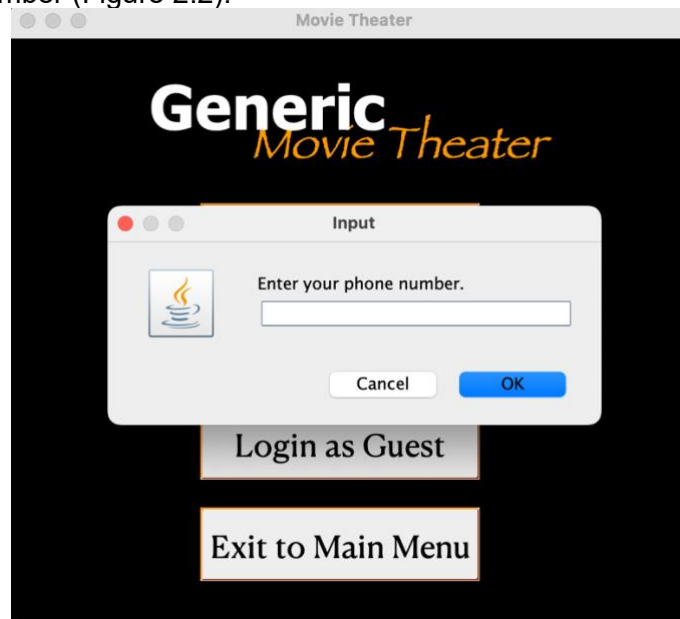


Figure 2.2

If a number with is entered that does not have 10 characters, the system will display an error and prompt the user to enter in a valid phone number. (Figure 2.3)

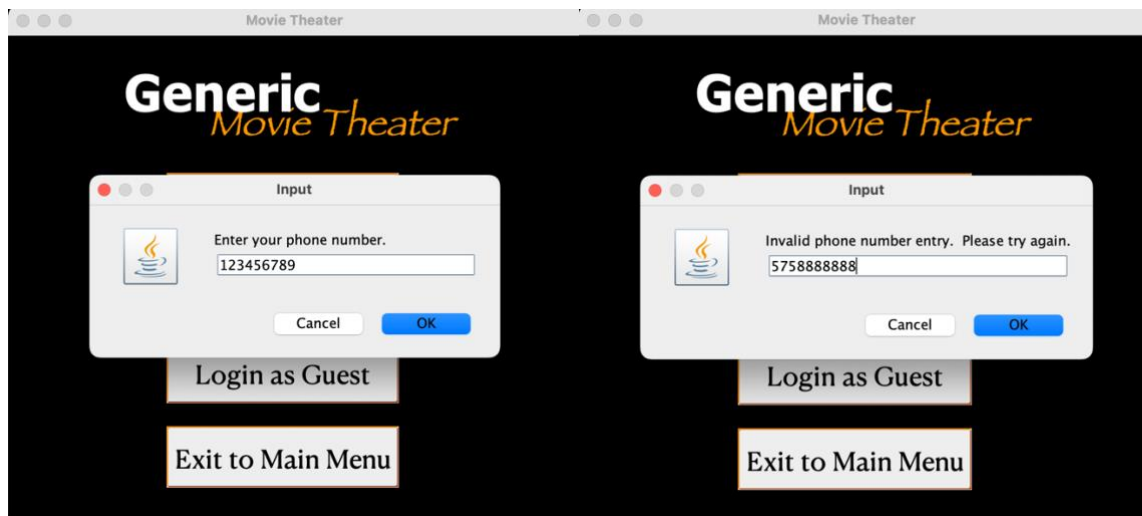


Figure 2.3

Once a valid phone number is entered, the user will be prompted for a password. (Figure 2.4)

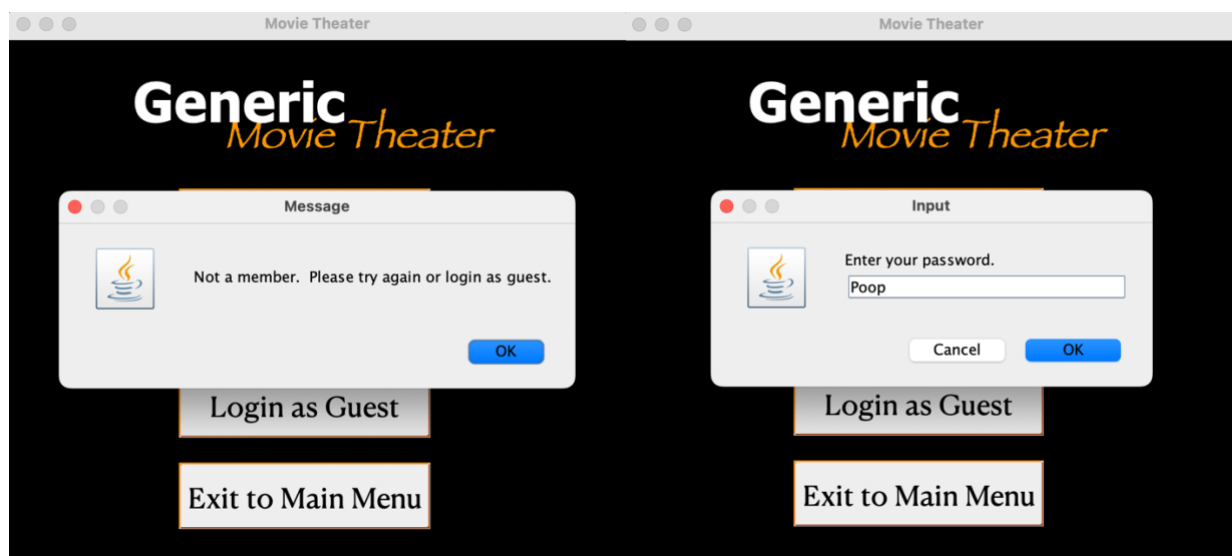
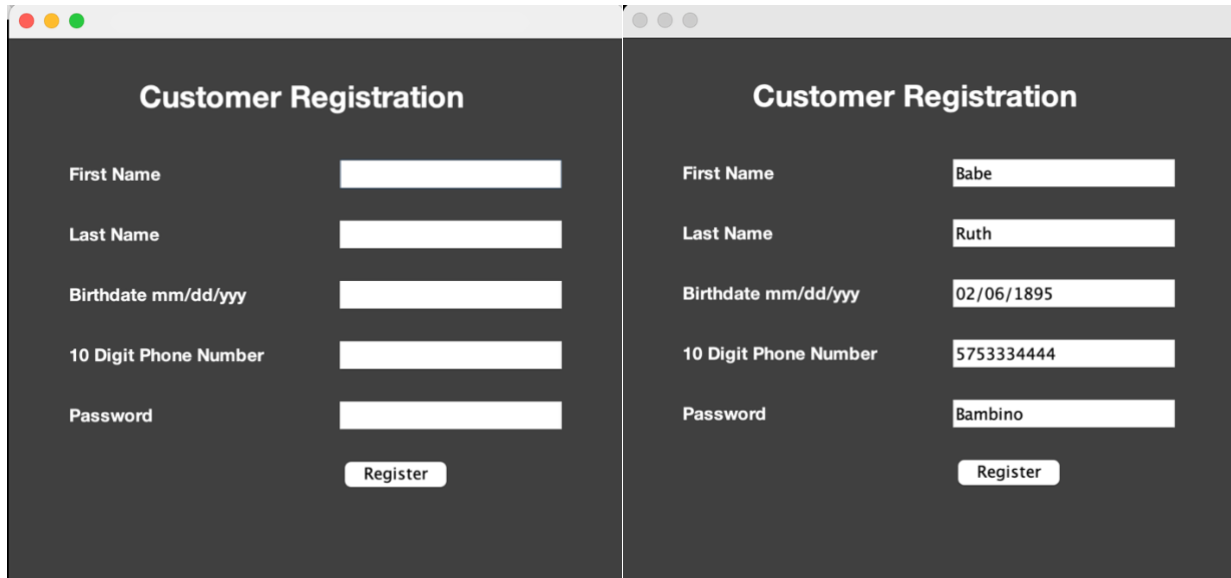


Figure 2.4

If the incorrect password for that account is incorrect, a prompt will appear and asking the user to try to login again or login as guest. If the correct password is entered, the user will be able to navigate to the Concessions Menu and make purchases.

2.3 Customer Registration

If “Registration” is selected, a form will appear and allow the user enter information about themselves to register. (Figure 2.5).

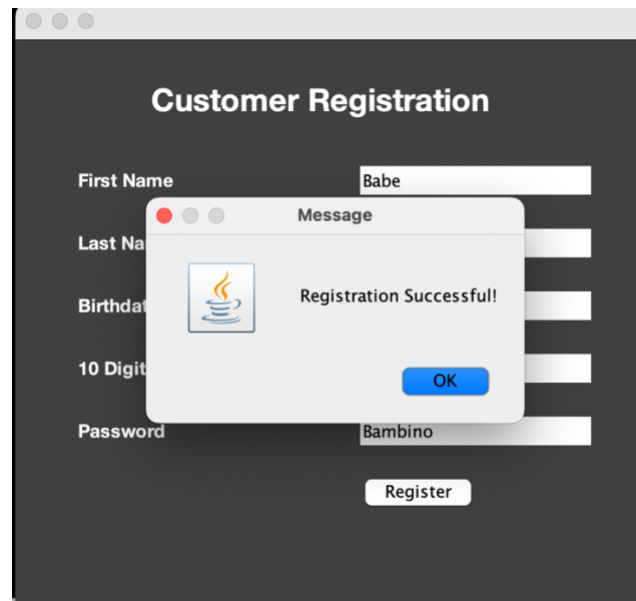


Customer Registration	
First Name	
Last Name	
Birthdate mm/dd/yyyy	
10 Digit Phone Number	
Password	
<input type="button" value="Register"/>	

Customer Registration	
First Name	Babe
Last Name	Ruth
Birthdate mm/dd/yyyy	02/06/1895
10 Digit Phone Number	5753334444
Password	Bambino
<input type="button" value="Register"/>	


Figure 2.5

Once the form is completed, the user can select register. If the customer is registered successfully, a prompt will appear (Figure 2.6). Simply click “ok” and the user will be returned to the Customer Main Menu. Now the user can select “Login” and login using their credentials.



Customer Registration	
First Name	Babe
Last Name	Ruth
Birthdate	02/06/1895
10 Digit	5753334444
Password	Bambino
<input type="button" value="Register"/>	

Message



Registration Successful!

Figure 2.6

2.4 Login as Guest

The third user option is “Login as Guest”, where the user can skip the necessary phone number and password options and go straight to concessions.

2.5 Exit to Main Menu

The last and fourth option is “Exit to Main Menu”, the user can choose to go back to Main Menu and begin the process from the beginning or exit the program.

3. Staff Menu

3.1 Logging into Staff Menu

When “Staff” is selected in the Main Menu, the user will be prompted to enter their respective user name, followed by another prompt to enter a password (Figure 3.1). The user name “jbock” and password “Whiskey” can be used to gain access to the Staff Menu.

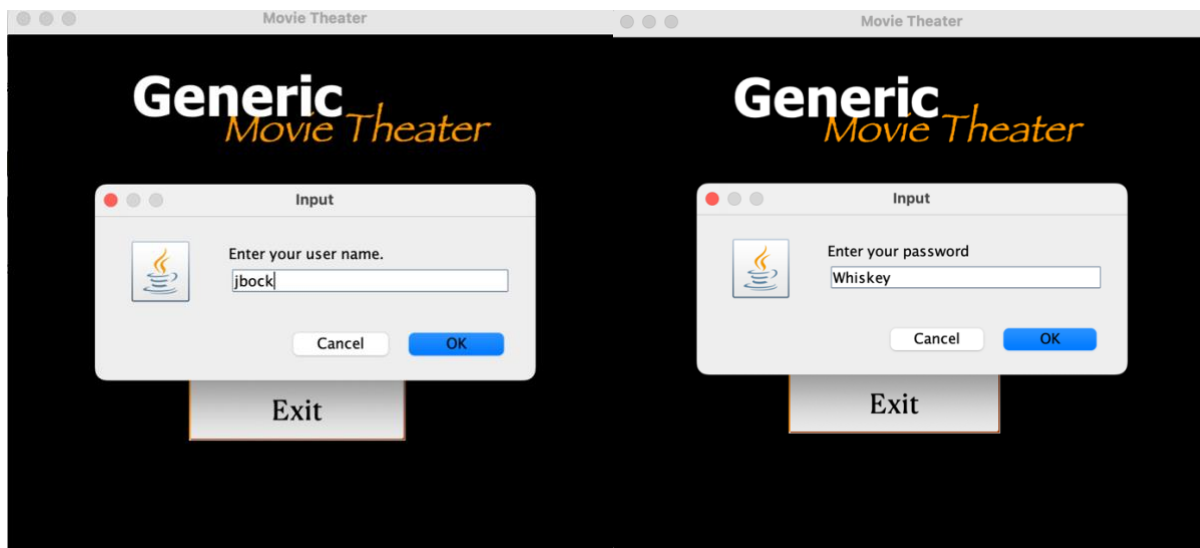


Figure 3.1

3.2 Staff Menu

The Staff Menu has six options available to the user. Including an option to return to the Main Menu (Figure 3.2)



Figure 3.2

3.3 Employee Management

The “Employee Management” options will pull up the Employee Roster page. There will be fields to the left and a table with all existing staff members to the right. To add an employee to the roster, fill in the fields to the left and select the “Add/Update” button. A prompt will appear displaying if the registration was successful. (Figure 3.3)

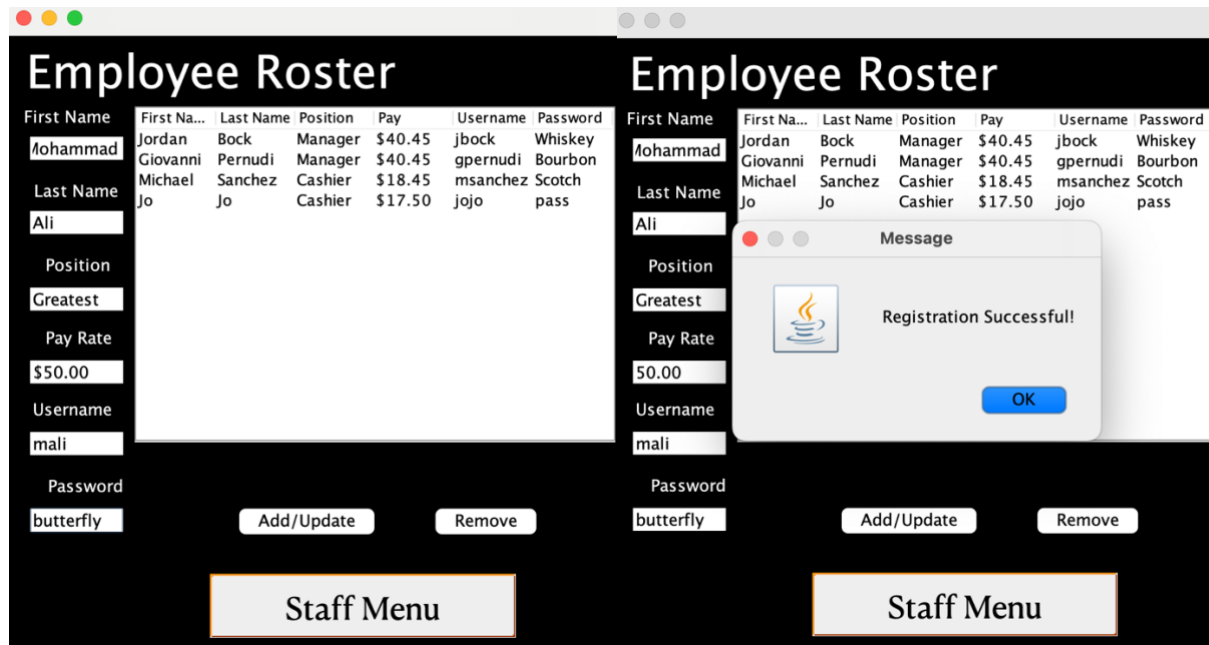


Figure 3.3

Once registration is successful, the new staff member will be displayed in the table. (Figure 3.4)



Figure 3.4

Members can also be removed from the system by selecting the line containing the user, and selecting the option “Remove”. Once again, a prompt will appear if the Staff member was removed successfully. (Figure 3.5) Select “Ok” to return to the Employee Roster page.

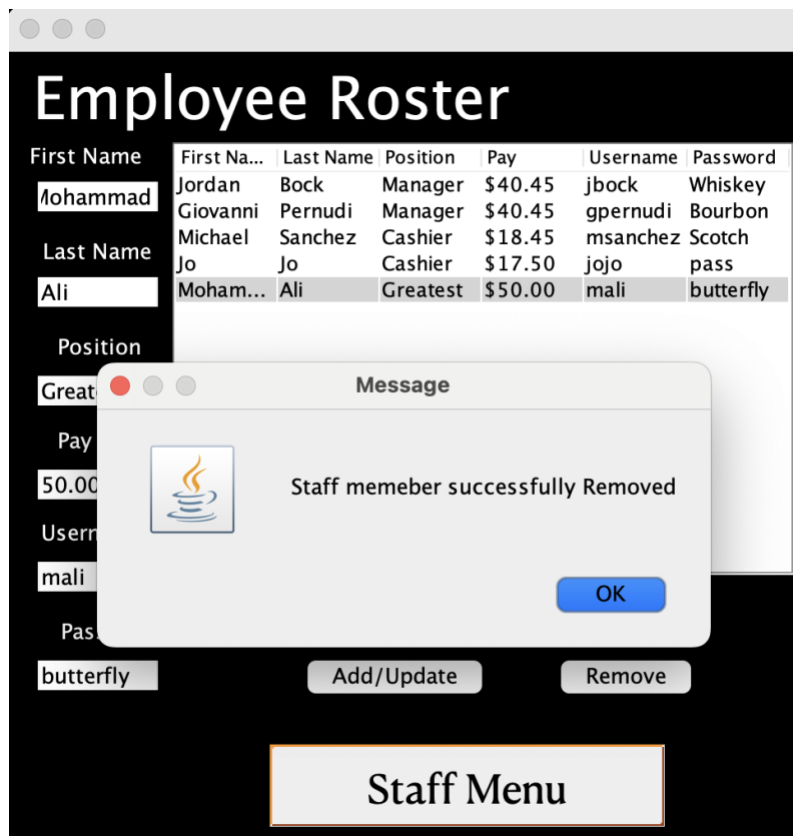


Figure 3.5

To update the details of any staff member, fill in the information for that member with the changes desired. In Figure 3.6, Mohammad Ali’s pay rate is changed from \$50 to \$40 an hour. Once the change has been entered in the appropriate field, the “Add/Update” button can be selected and it will update the information and display a prompt that the change was committed successfully.



Figure 3.6

The last option is to return to the Staff Menu by selecting the “Staff Menu” option or by selecting the “x” at the top of the window.

3.4 Manage Members

The “Manage Members” option will pull up a page with a table to the right, displaying all the current members and some fields for user input to the right. (Figure 3.7).

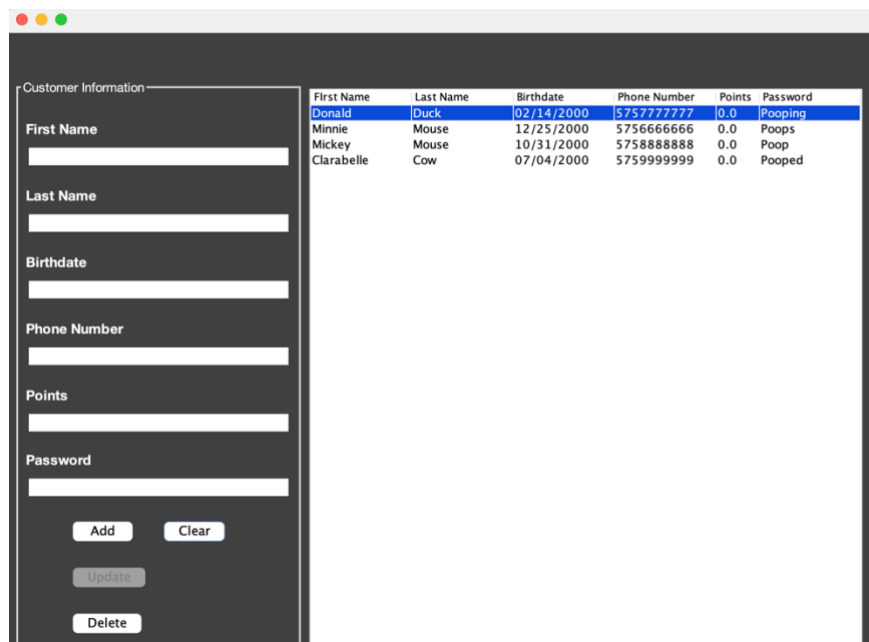


Figure 3.7

To add a customer, simply fill in the fields to the left and select the “Add” option. (Figure 3.8).

First Name	Last Name	Birthdate	Phone Number	Points	Password
Donald	Duck	02/14/2000	5757777777	0.0	Pooping
Minnie	Mouse	12/25/2000	5756666666	0.0	Poops
Mickey	Mouse	10/31/2000	5758888888	0.0	Poop
Clarabelle	Cow	07/04/2000	5759999999	0.0	Pooped

Figure 3.8

When a user is selected, the fields to the left will be populated with that users information and can be changed and updated by selecting the “Update” button. (Figure 3.9) To remove a customer, click on the row of the desired customer from the table to the right and select the “Delete” option. (Figure 3.10)

First Name	Last Name	Birthdate	Phone Number	Points	Password
Donald	Duck	02/14/2000	5757777777	0.0	Pooping
Minnie	Mouse	12/25/2000	5756666666	0.0	Poops
Mickey	Mouse	10/31/2000	5758888888	0.0	Poop
Clarabelle	Cow	07/04/2000	5759999999	0.0	Pooped
Babe	Ruth	02/06/1895	5753334444	100...	Bambin

Figure 3.9

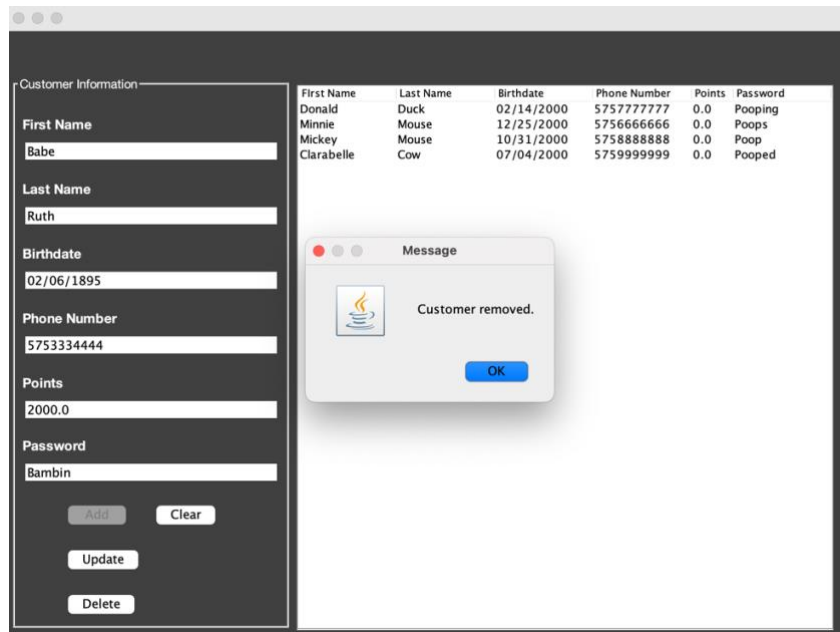


Figure 3.10

To return to the Staff Menu, select the “x” button at the top of the window.

3.5 Inventory Menu

The Inventory Menu will display, in a table to the right of the window, a list of all available inventory items and their respective quantities. (Figure 3.11)

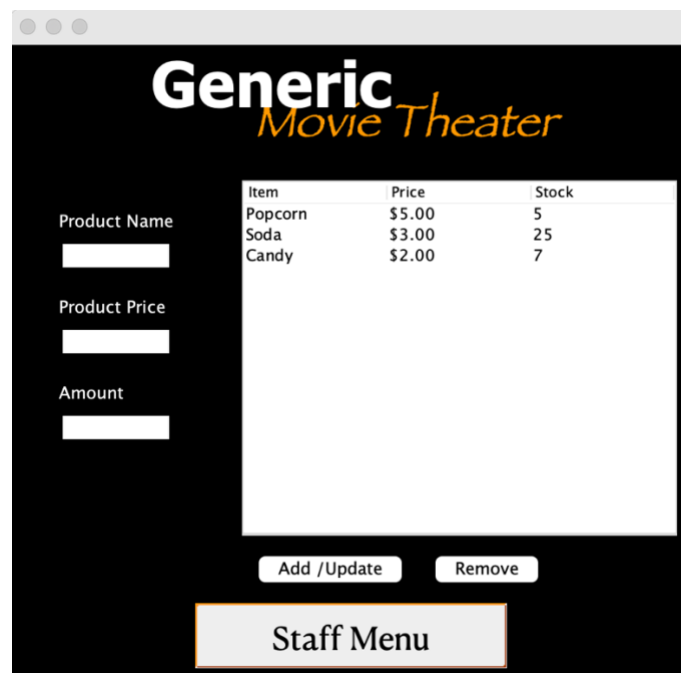


Figure 3.11

The user can change the price or increase the amount of inventory by entering the “Product Name” along with the new price and the amount to increase the inventory. If successful, the system will display a prompt letting the user know the changes were successful. (Figure 3.12). Select “OK” to continue.

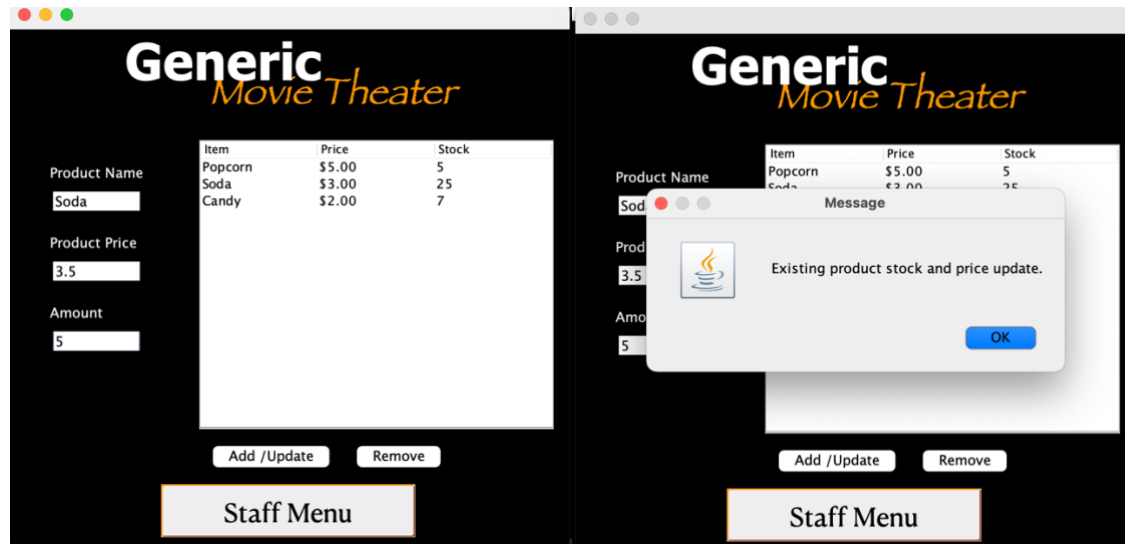


Figure 3.12

To add a new product, complete all fields to the right with a new name, and select “Add/Update” to successfully add the new product. In Figure 3.13, we have added some pickles to inventory

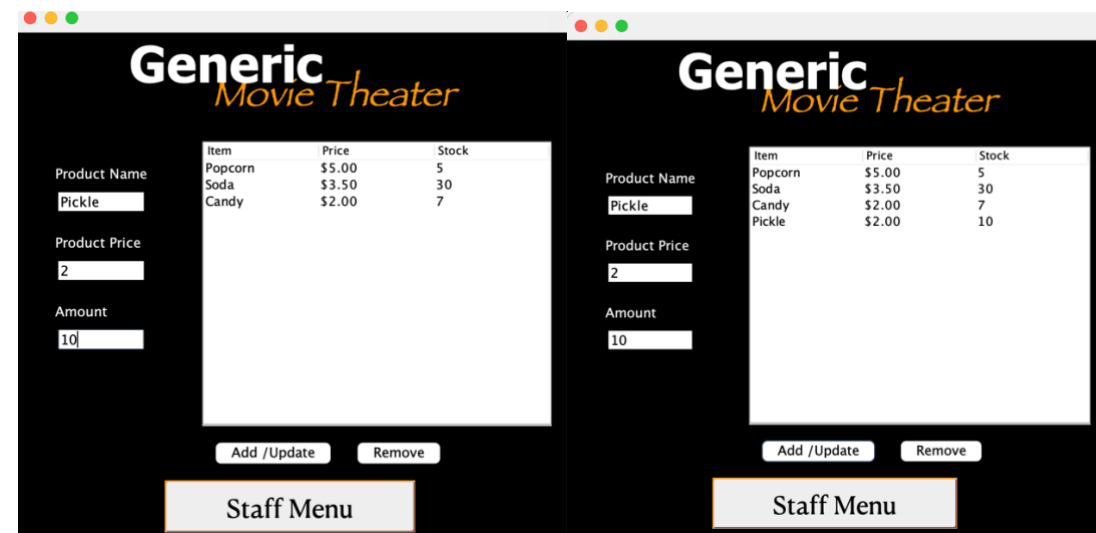


Figure 3.13

When finished making inventory changes, select “Staff Menu” or click the “x” at the top of the screen to return to the Staff Menu.

3.6 Customers Report

The “Customers Report” option simply displays a report of all current customers. (Figure 3.14).



Figure 3.14

3.7 Staff Report

The “Staff Report Option simply displays a report of all the current staff members. (Figure 3.15).



Figure 3.15

3.8 Main Menu

The “Main Menu” option or selecting the “x” at the top of the window will take the user back to the Main Menu.

4. Purchase Menu

4.1 Buy Tickets

The user can go select a movie by choosing the option “Buy Tickets”. (Figure 4.1). When selected, a window will appear with movie options. Each movie will display its synopsis, rating and runtime. To the right of each movie will be a designated time. (Figure 4.2).

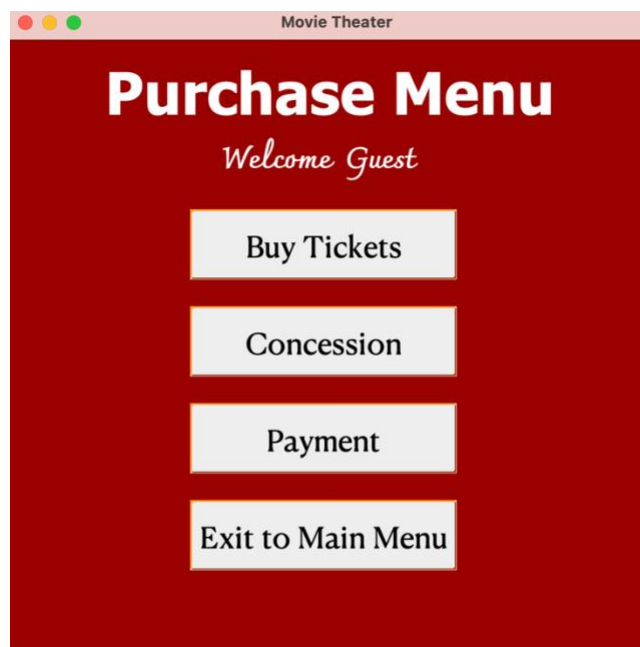


Figure 4.2

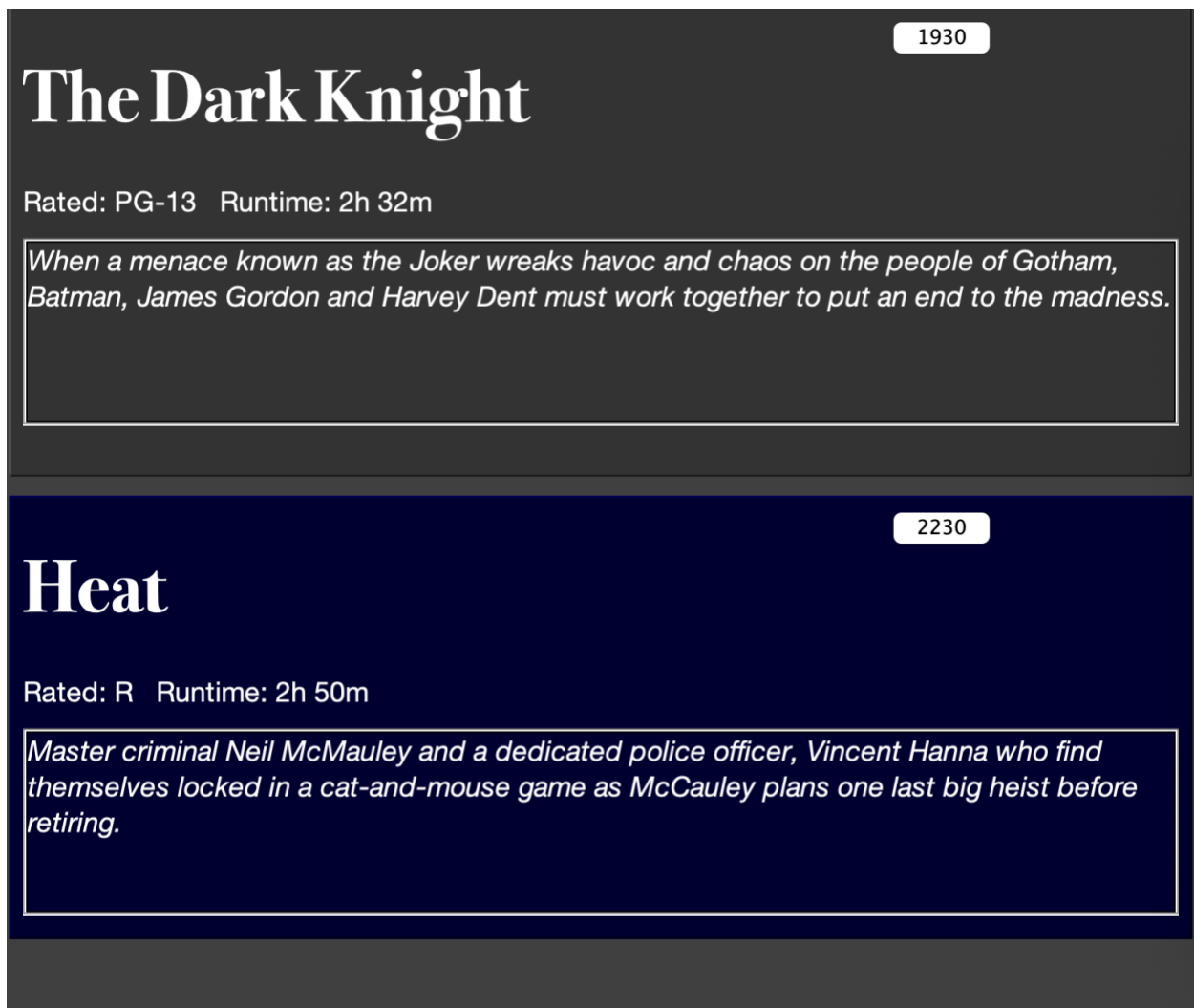


Figure 4.3

In Figure 4.4 below, we have selected “The Dark Knight” at 1930. The window in Figure 4.4 is showing the seats available for this movie at this particular time. The window displaying the seats allows the user to orient themselves with the layout by indicating where the entrance is and the screen.

The user can click on any seat. Once selected, the seat will indicate it has been taken by displaying “XXX” in red. (Figure 4.5). If the user wants to choose different seats, the user can select the “Clear Seat Selection” at the bottom of the window. When the user is finished selecting seats, the user can select the “Done” button at the bottom to return to the Purchase Menu. Here they can choose to add concessions or check out.

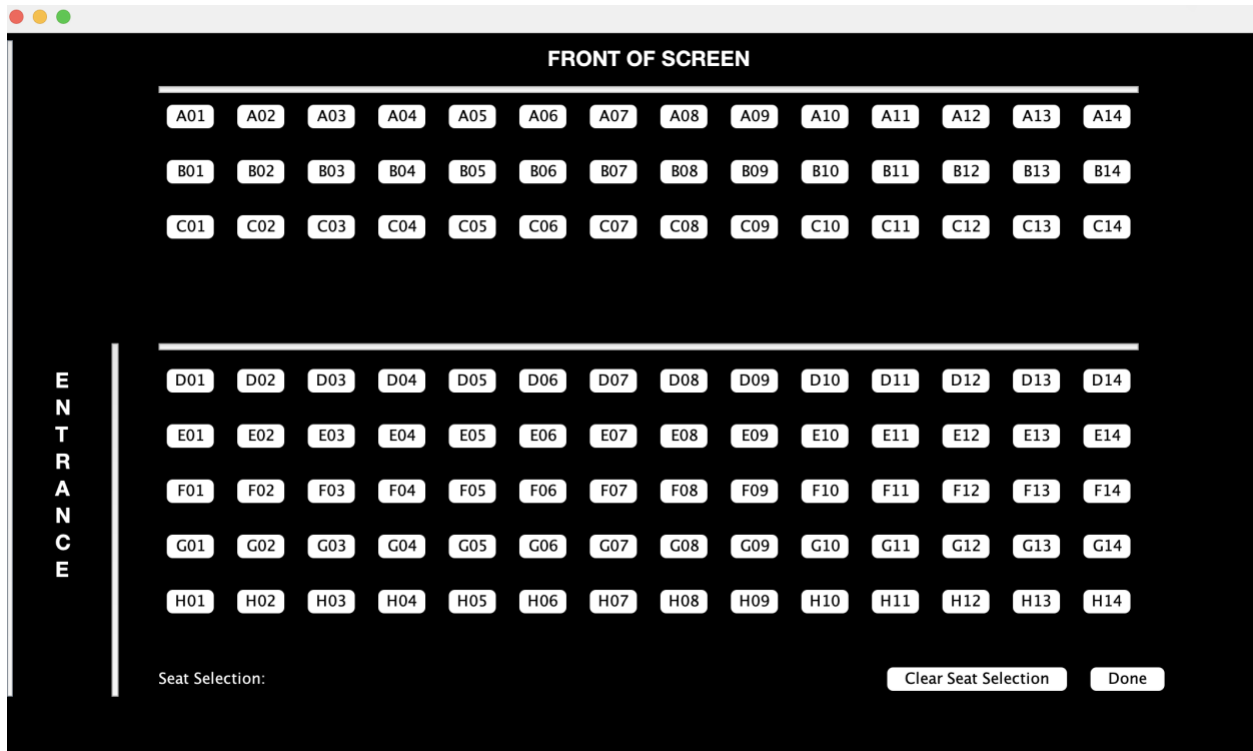


Figure 4.4

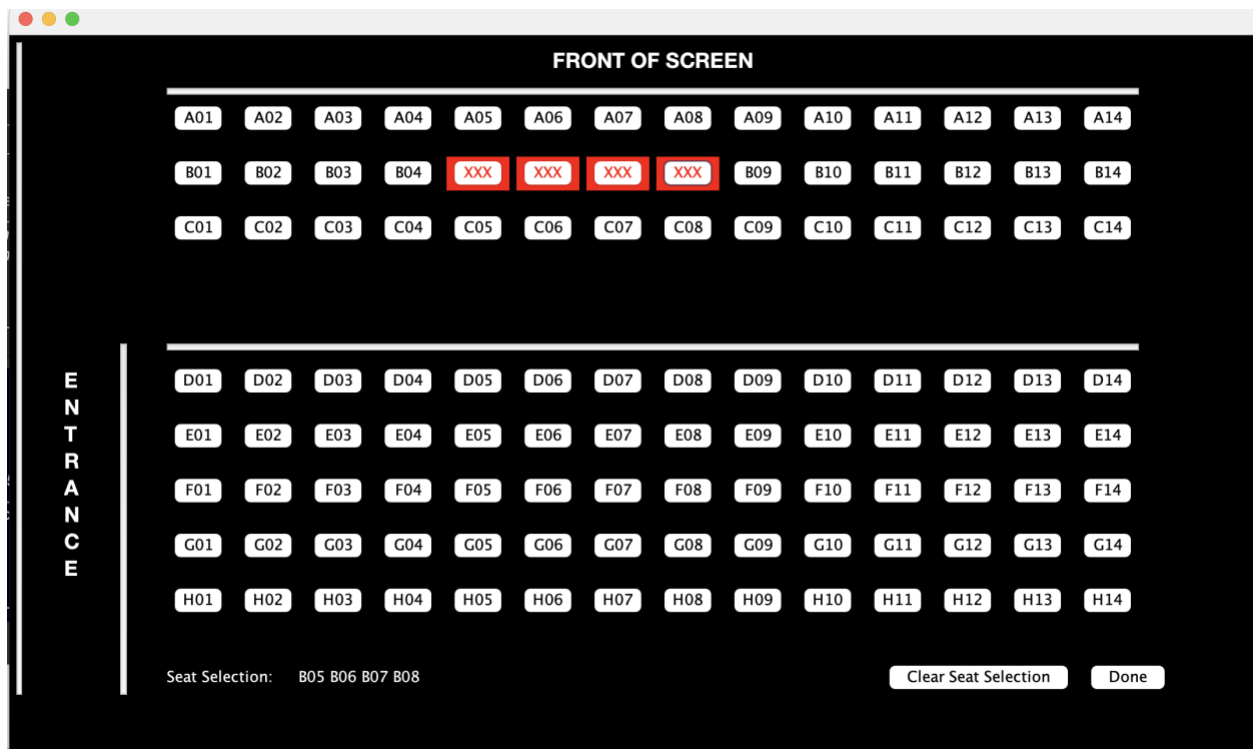


Figure 4.5

4.2 Concessions

In the Concessions Menu, a display of available menu items will appear. To select an item, simply select its corresponding button and a prompt will appear that it was successfully added to the cart. (Figure 4.6). When finished selecting items, select the “x” at the top of the window to return to the Purchase Menu.

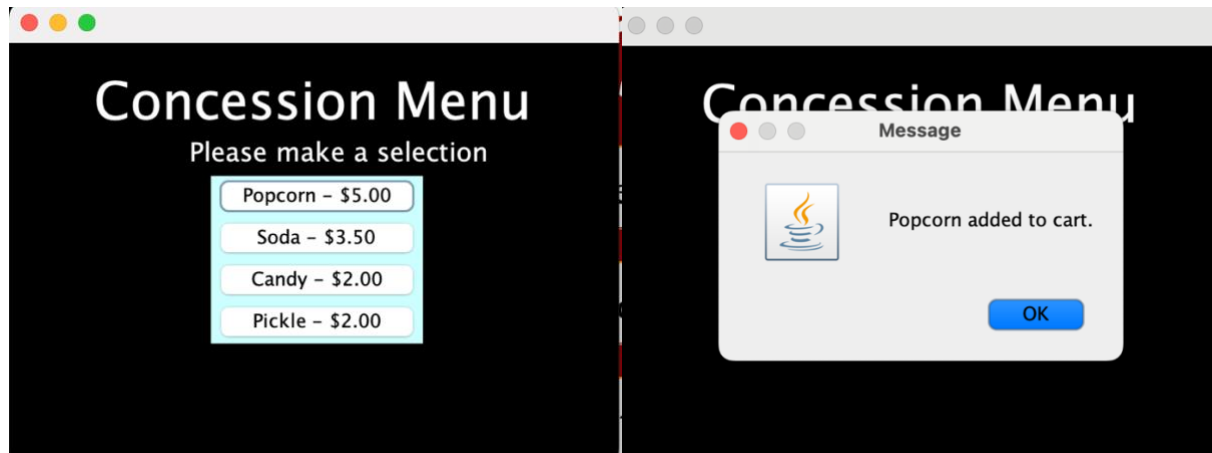


Figure 4.6

4.3 Payment

To check out and pay for the seats and concessions, select the “Payment” option. Here, the user can choose between cash, credit card or gift card payments. An itemized summary of selections and prices are displayed to the right of the window. (Figure 4.7). If “Cash” is selected a window will open with the total and how much cash has been given. Once entered in and the “Enter” button is selected, it will either display the amount of change due the customer, or the amount the customer has outstanding. (Figure 4.8.).

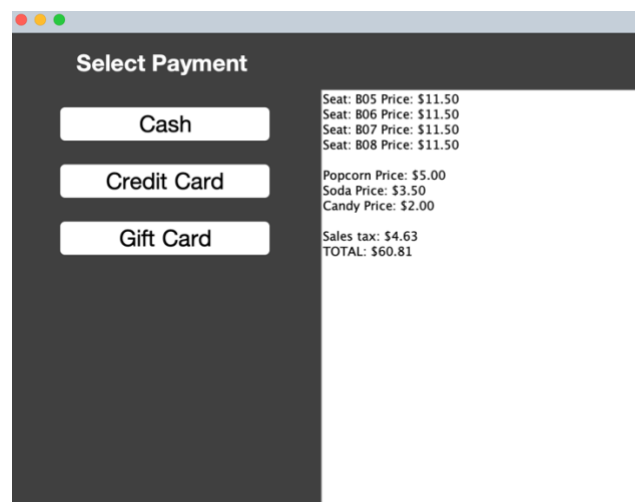


Figure 4.7

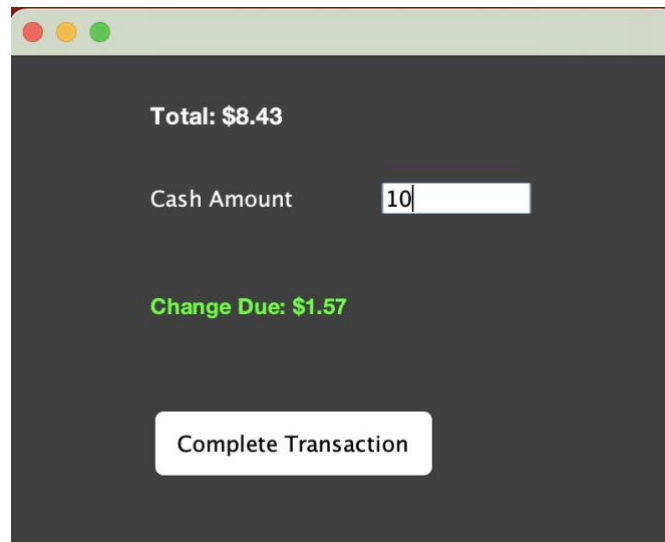


Figure 4.8

When the user selects “Complete Transaction”, if there is a outstanding balance, the payment screen will re-appear. If the amount has been paid in full, a receipt report will be displayed. (Figure 4.9). To return to the Concession Menu, select the “x” at the top of the receipt window.

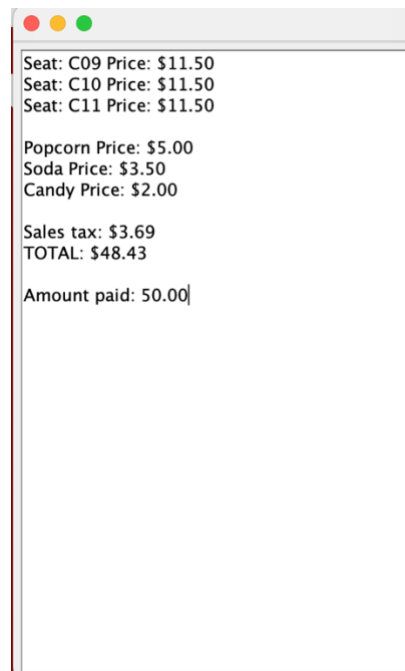


Figure 4.9

4.4 Main Menu

To exit the Concession Menu and return to the select the “x” at the top of the screen or select the “Main Menu” option.