FACULTY

COLLEGE OF COMPUTING, INFORMATICS AND MATHEMATICS

PROGRAM

CDCS230 BACHELOR OF COMPUTER SCIENCE (HONS)

SUBJECT

CSC584 – ENTERPRISE PROGRAMMING

USER MANUAL FOR KITICKET

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1.0 BACKGROUND OF PROJECT

Nowadays, movies play a vital role in society as a form of relaxation. Movies are made available to the public by the introduction of movie cinemas. Big cinemas, built for the purpose of allowing the public to watch movies, are spread throughout the world. The issue of the ever-growing amount of population per capita within a city, not to mention the increasing number of the worldwide population, which could lead to these cinemas having to cater for large amounts of consumers who will come in droves to purchase tickets.

Old-fashioned techniques of selling tickets, such as selling them from the counter at a cinema, could potentially be problematic if there was a large volume of customers at the same time which could lead to various problems such as misplacement of information and overloading. However, due to the development of the technology we have nowadays, it has been made possible to otherwise automate this process by using a system which could significantly decrease the load produced by large volumes of orders within a short time.

Various movie ticket reservation applications have been produced nowadays to curb issues that come from many customers making a huge number of reservations potentially at the same time therefore improving the user experience of going to the cinema as everything is now streamlined.

2.0 CUSTOMER

2.0.1 LOGIN/SIGNUP

For existing users, they must login into the dedicated user section (Figure 1.1) using the full name they used to register into the system as well as their respective password. If in the case the user has forgotten their password, the user must reset their password using the reset password page by clicking on the forgot password button in the login section. The user will be redirected to the reset password page (Figure 1.3). If the user is new to the system, the user can create a new account by clicking on the create account button and the user will be redirected to the create account page (Figure 1.2) A successful login process will redirect the user to the home page (Figure 2.1.1 and Figure 2.1.2)
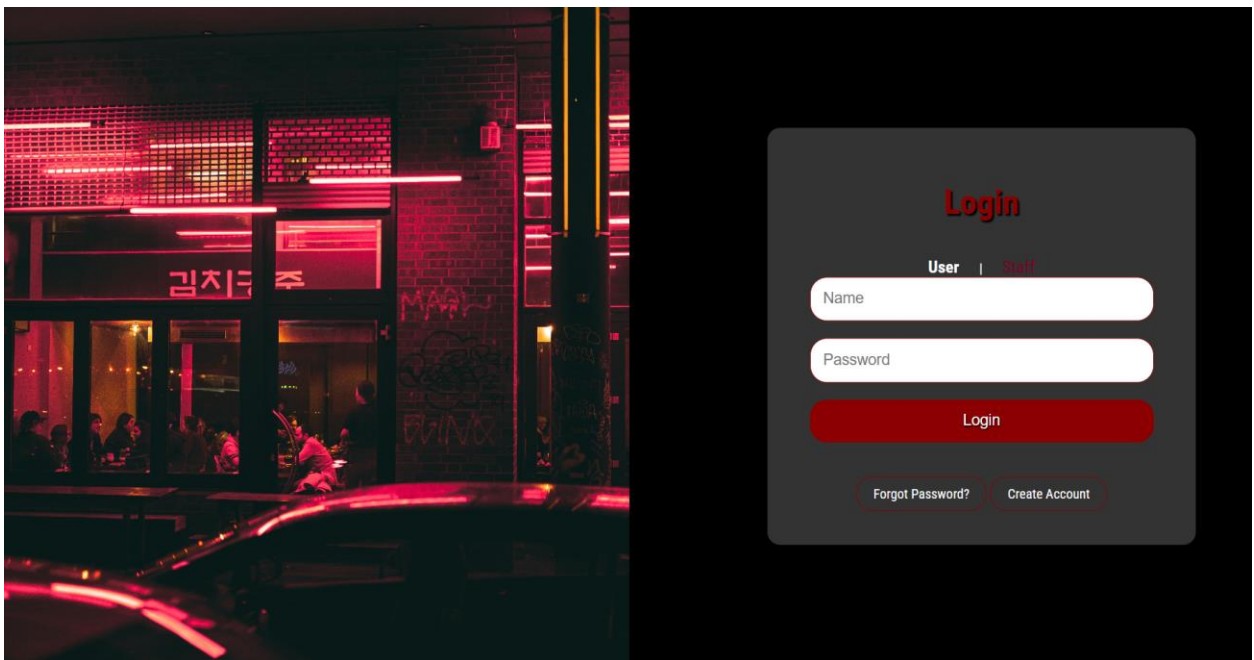
Figure 1.1 Login Page

In the create new account page (Figure 1.2), the new user must create a new account which requires them to enter their full name, their email address, and a password. In the case of successful registration, the user will be redirected back to the login page (Figure 1.1) where they can use their new credentials to gain access to the system. However, if the user enters an existing email in the created new account page, the creation will be rejected because each email can only have one existing account related to it.

Figure 1.2 Create New Account Page

In the event where the user has forgotten their password, the reset password page (Figure 1.3) can be used to reset the user's password. If successful, the password will be updated, and the user will be able to use their new password to login. If the new password is like the old password in the database, the password update process will be rejected as the new password must not be like the old password. If the email does not exist in the database, it will also lead to failure as there is no corresponding account to be updated.
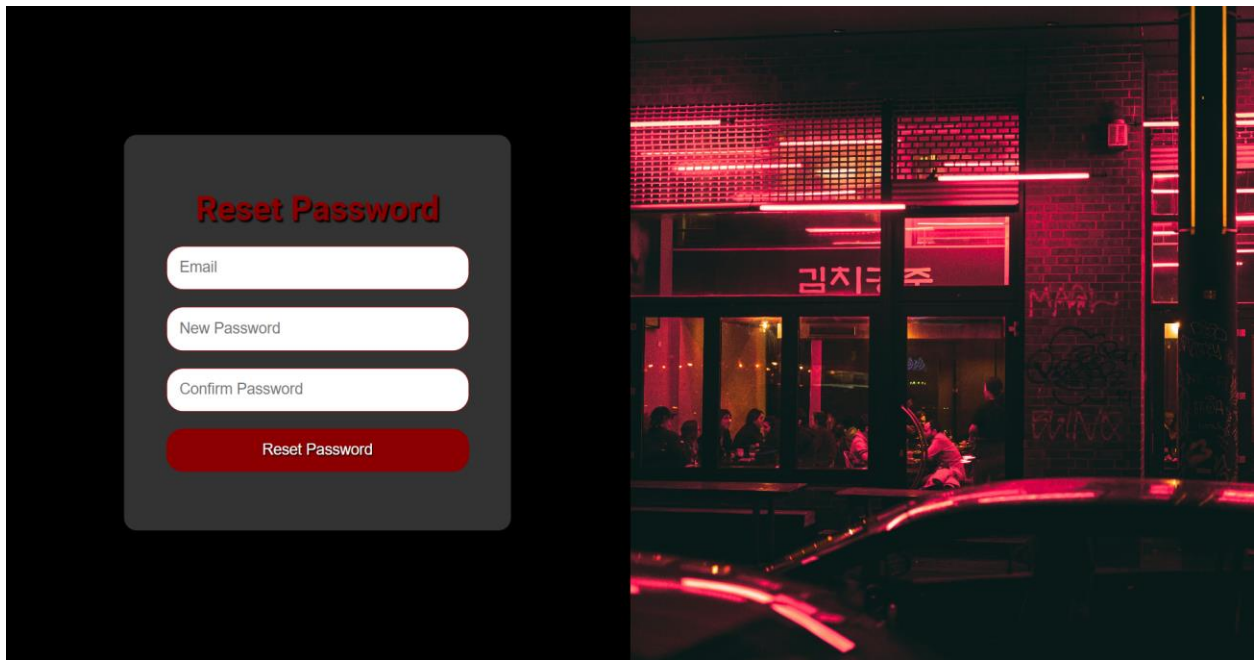
Figure 1.3 Reset Password Page

2.0.2 BOOK MOVIE

In the home page (Figure 2.1.1 and Figure 2.1.2), if the user wants to book a ticket, there are several ways the user can book tickets. First, the user can click on the book now button in the newest movies list, the user will be directedly sent to the booking page (Figure 2.3.1). However, if the user would like to see the list of all available movies, the user must click the movie tab in the navbar and there will be an all-movies option. If the user clicks on that, they will be redirected to Movie Page (Figure 2.2) where they can see all the available movies and then when chosen, will be redirected to the booking page (Figure 2.3.1).

Figure 2.1.1 Home Page for customer
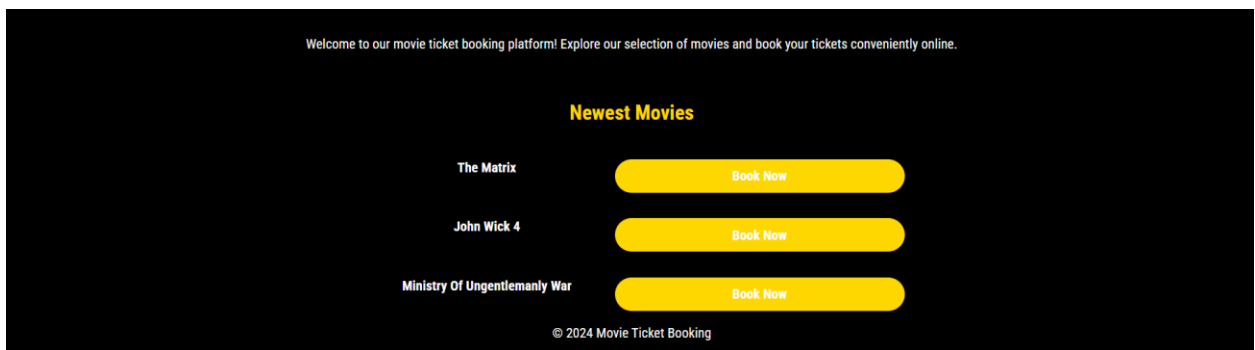
Figure 2.1.2 Home page continued

In the movie page (Figure 2.2), the user can view the posters of all available movies in the system and once clicked on, will be redirected to the booking page (Figure 2.3.1).
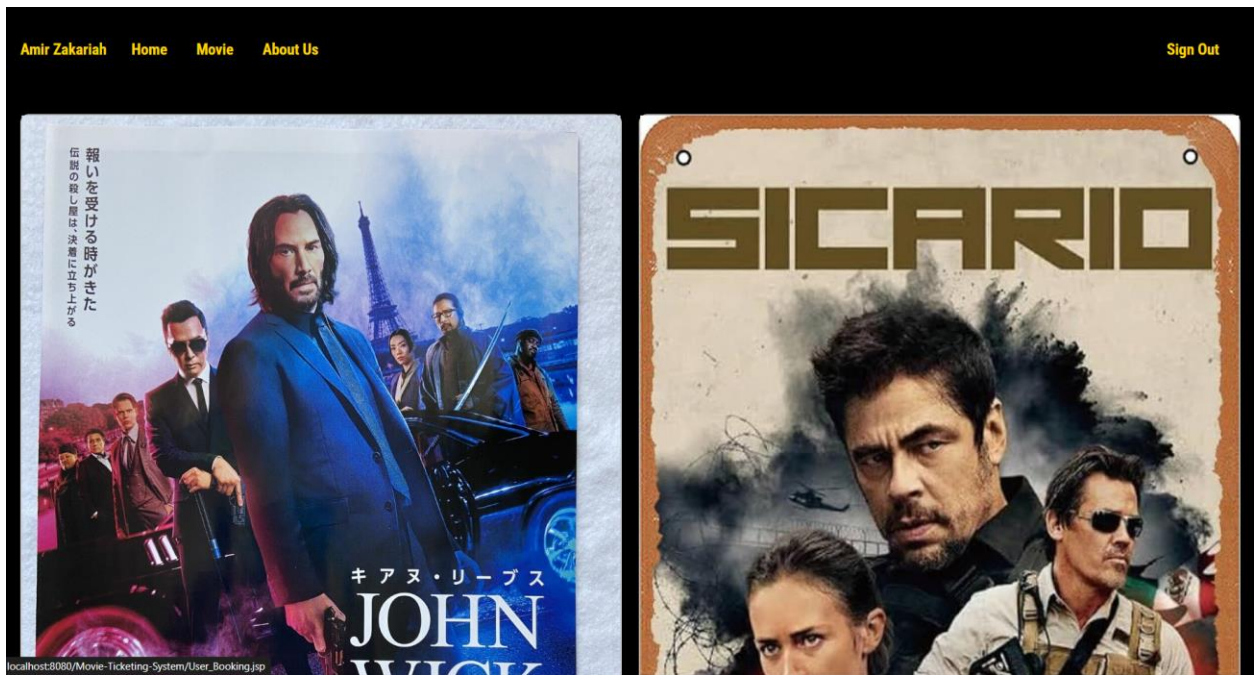
Figure 2.2 Movie Page

In the booking page (Figure 2.3.1), the user must enter the movie name, select the seat type (Standard or Premium), enter the number of seats, and enter the food and drink name they want to have while watching the movie. Once successfully booked, it will lead to a booking confirmation page (Figure 2.3.2)
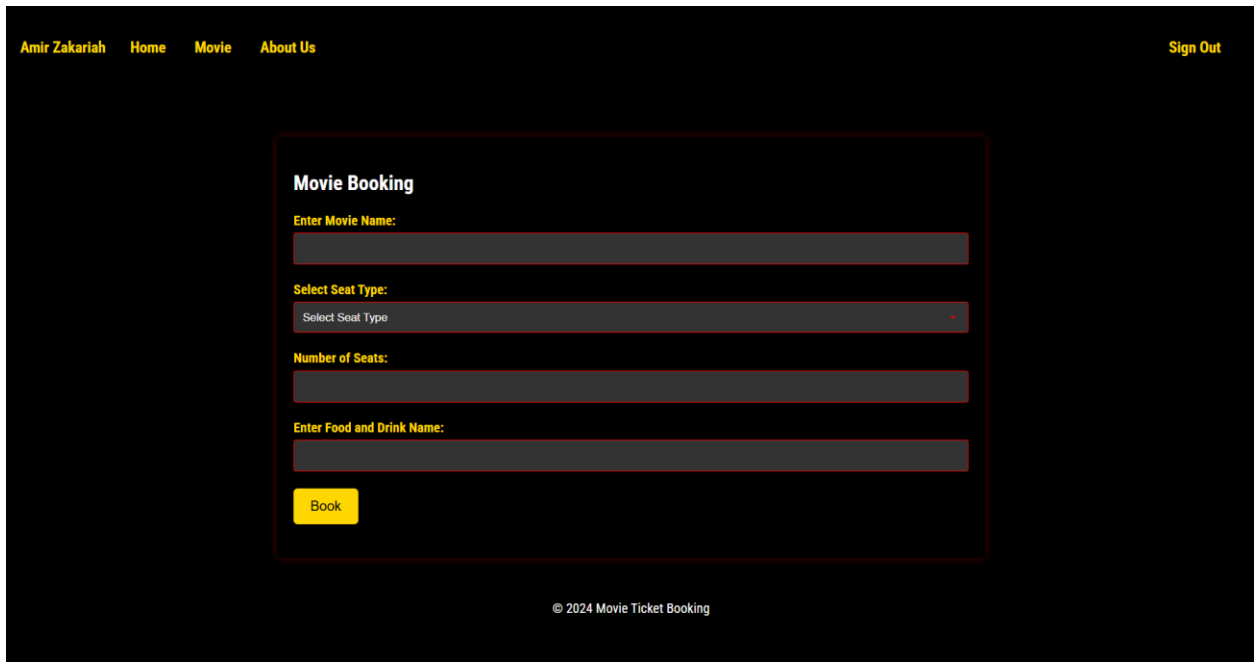
Figure 2.3.1 Booking Page

In the booking confirmation page (Figure 2.3.2), a message indicating the booking was successful will be displayed. If the user wants to proceed to payment, the user must click on the proceed to payment button and will be redirected to the card information page (Figure 3.1.1). However, if the user wants to cancel the booking, they must click on the cancel button which will delete the booking information in the database and will redirect back to the booking page (Figure 2.3.1)
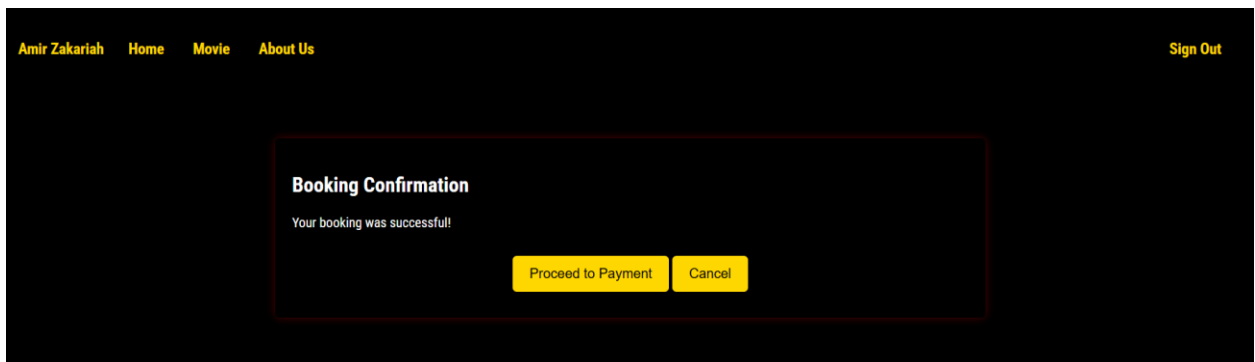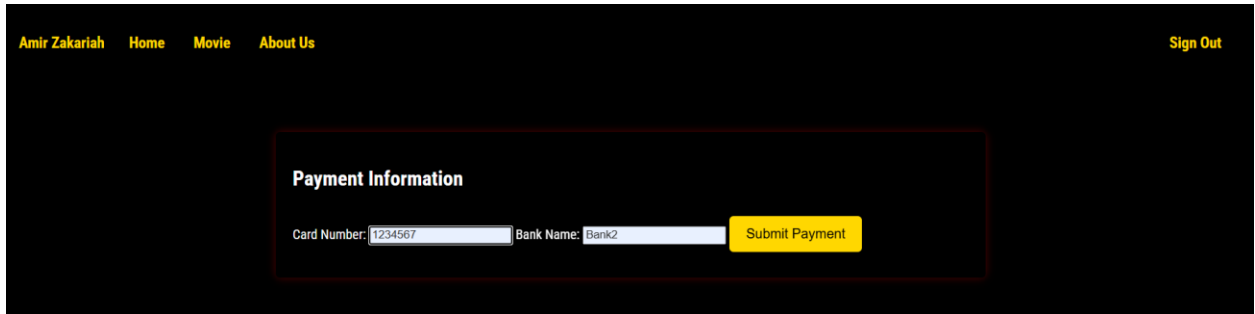
Figure 2.3.2 Booking Confirmation Page
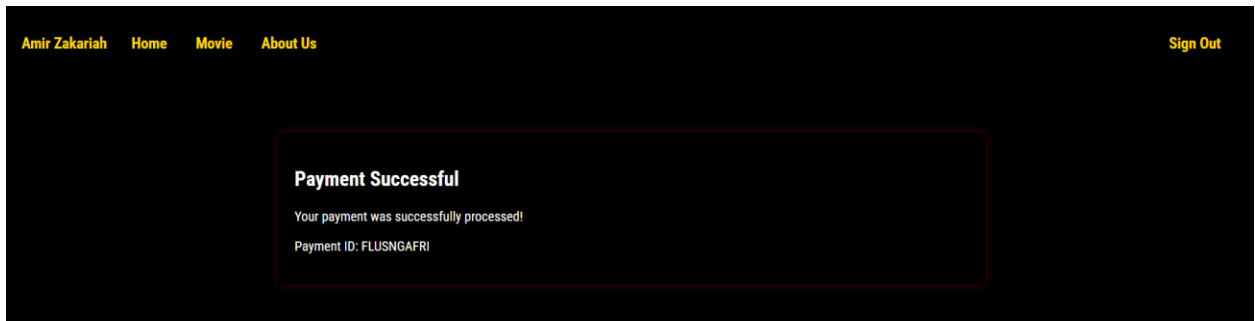
2.0.3 COMPLETE PAYMENT

Should the user choose to complete their payment, the user will be prompted to enter their card details in the card information page (Figure 3.1.1) If everything is successful, the user will be redirected to the payment successful page (Figure 3.1.2) where the user will receive a randomly generated payment id.

Figure 3.1.1 Card Information Page

Figure 3.1.2 Payment Successful Page

3.0 STAFF

3.0.1 LOGIN/SIGNUP

For the staff, the user must login using their assigned staff id and password on the login page (Figure 4.1) and once successfully logged in, will be redirected to the home page (Figure 4.2)
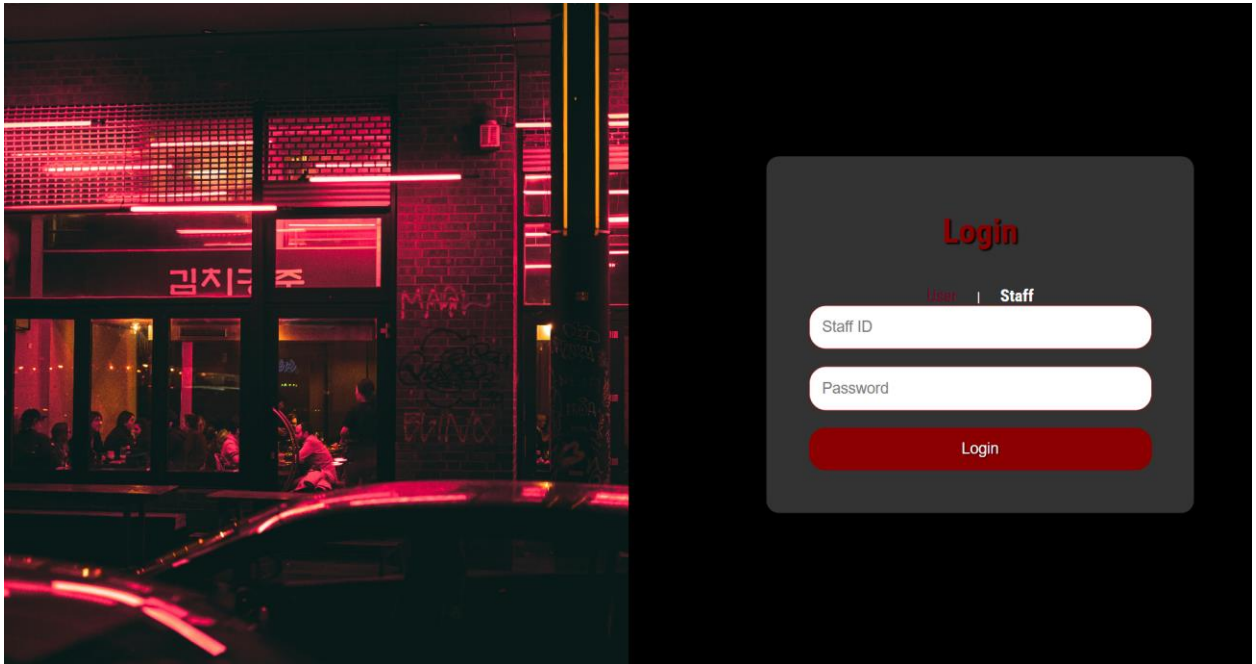
Figure 4.1 Staff Login Page

On the home page (Figure 4.2), the staff will be able to see the number of available movies and seats in the system.
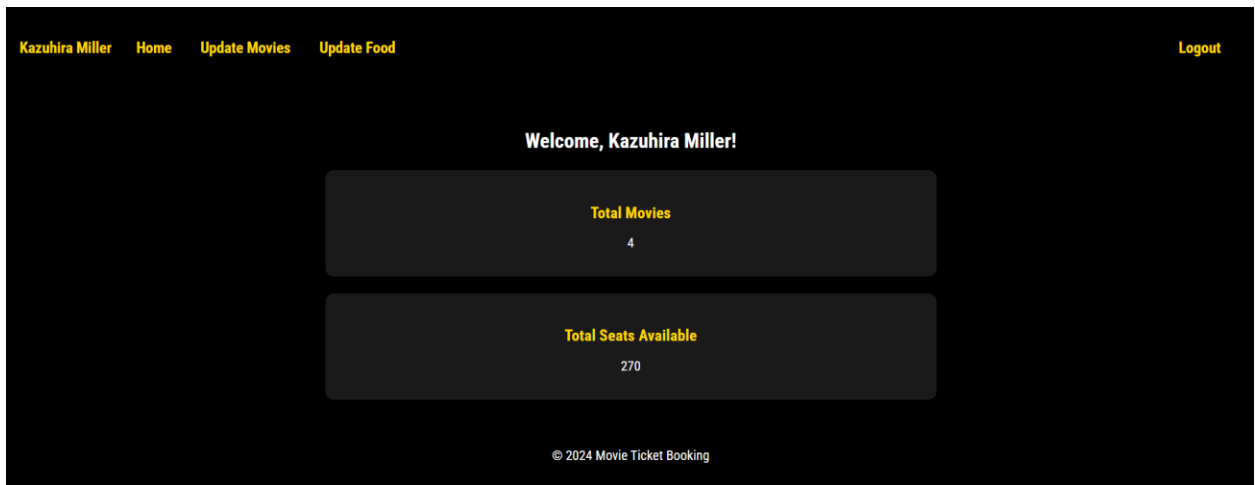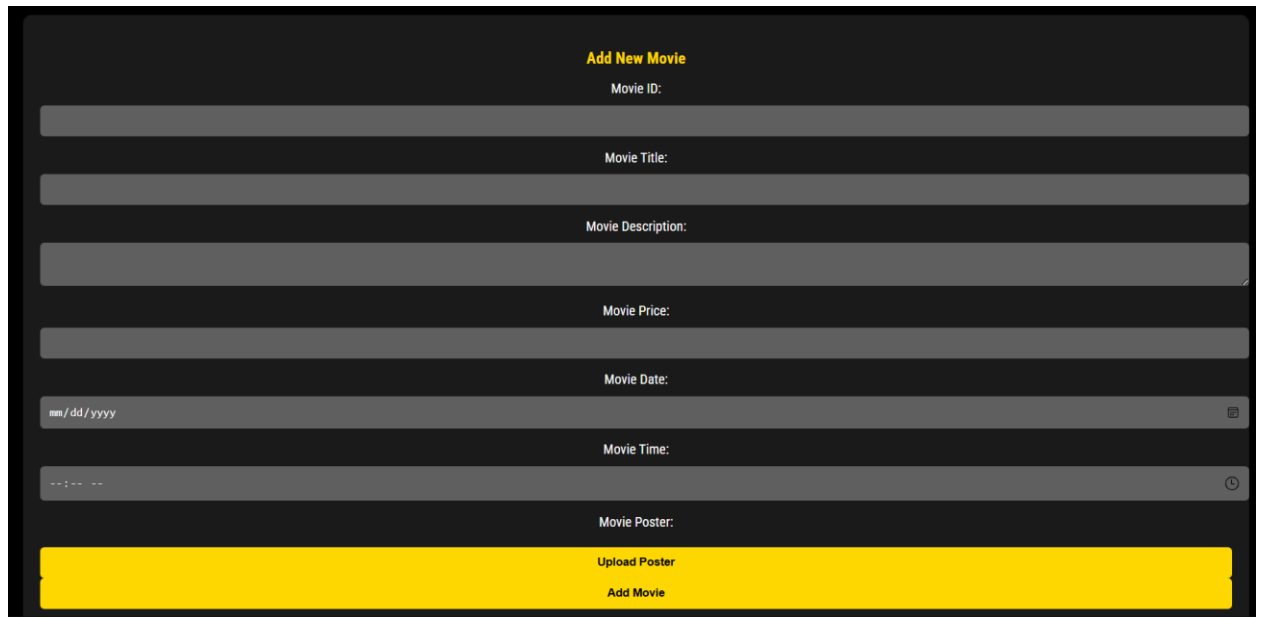

Figure 4.2 Home Page

3.0.2 MOVIE PROCESSES

If the staff clicks on the update movie button in the dashboard, they will be redirected to the movie processes page where the staff can add movies, modify the seat information of the movie, and delete the movie.

3.0.2.1 ADD MOVIE

In the add movie section (Figure 5.1), the staff can enter the information of a movie (Movie ID, title, description, price, date, time, and poster).
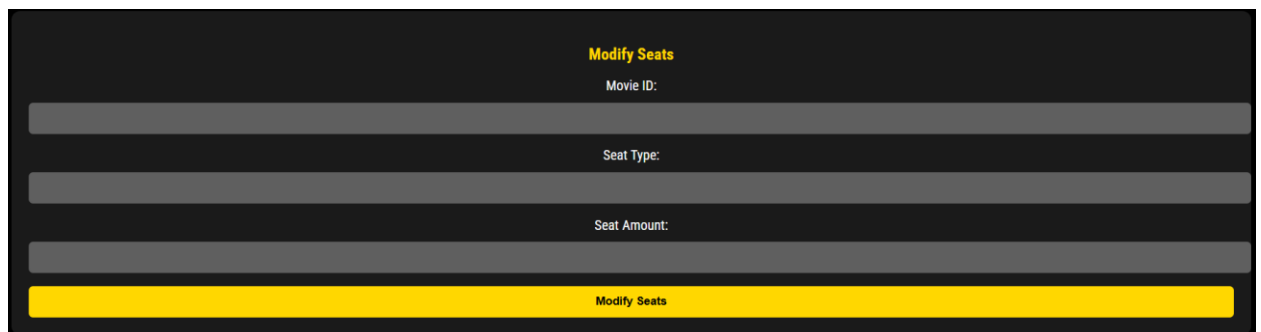
Figure 5.1 Add Movie Section

3.0.2.2 UPDATE MOVIE SEATS

In the update movie seats section (Figure 5.2), the staff can update the available seats of an existing movie in the system by entering the movie id, seat type and seat amount.

Figure 5.2 Update Seats Section

3.0.2.3 DELETE MOVIE

In the delete movie seats section (Figure 5.3), the staff can enter the movie id of the movie information they would like to remove from the system. Once completed, all information related to the corresponding movie id will be purged from the system.
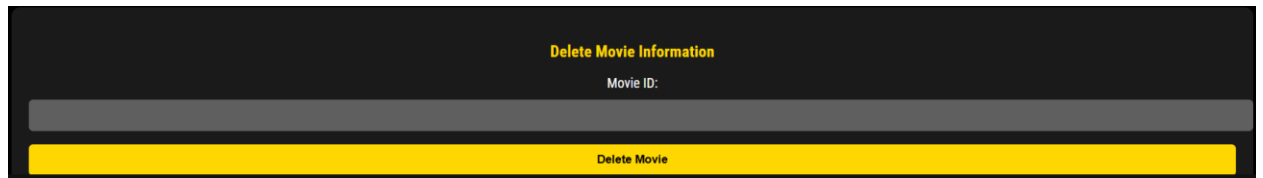

Figure 5.3 Delete Movie Section

3.0.3 FOOD ADDON PROCESSES

If the staff clicks on the update food addon in the dashboard, they will be redirected to the food add on processes page where the staff can add food addon, modify the information of the food addon, and delete the food addon.

3.0.3.1 ADD FOOD ADDON

In the add food addon section (Figure 6.1), the staff can enter the information of a food or drink (food ID, name, type, and price).
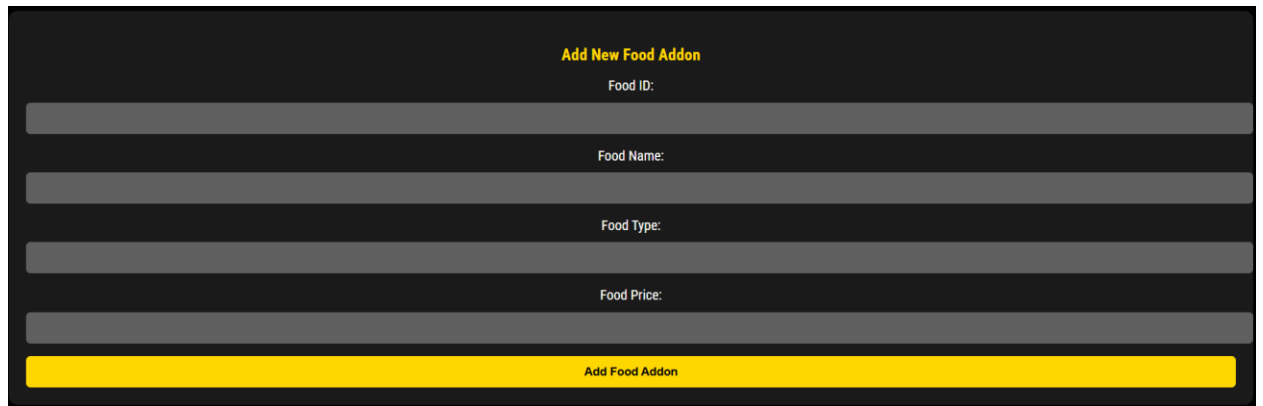

Figure 6.1 Add Food Addon Section

3.0.3.2 UPDATE FOOD ADDON

In the update food addon section (Figure 6.2), the staff can update the food information of an existing food item in the database.
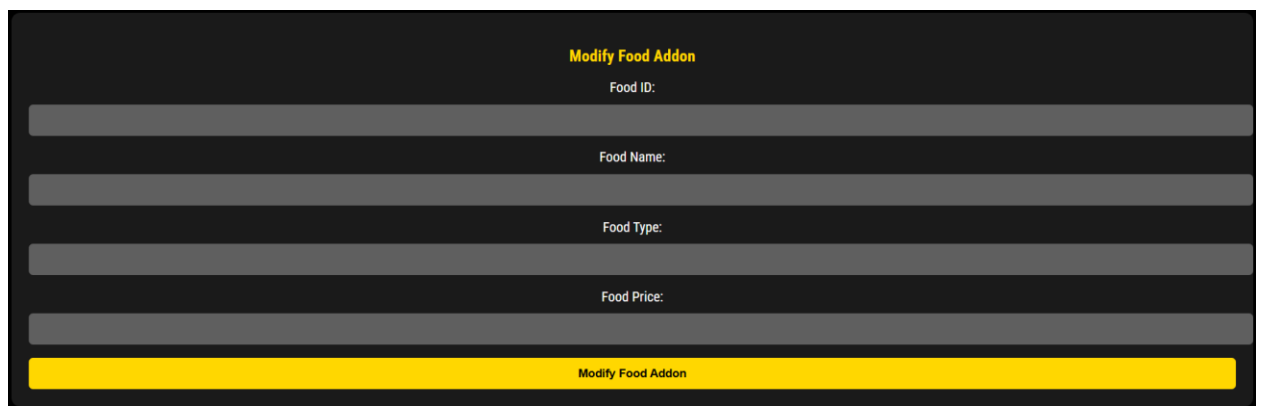

Figure 6.2 Update Food Addon Section

3.0.3.3 DELETE FOOD ADDON

In the delete food addon section (Figure 6.3), the staff can enter the food id of the food information they would like to remove from the system. Once completed, all information related to the corresponding food id will be purged from the system.
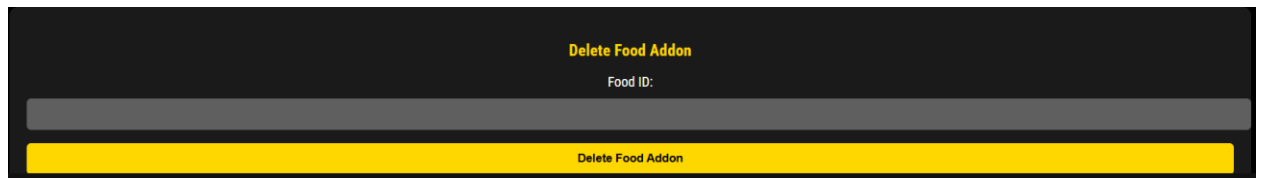

Delete Food Addon
Food ID:

Delete Food Addon

Figure 6.2 Delete Food Addon Section