

Online Movie booking

Java SpringBoot Project

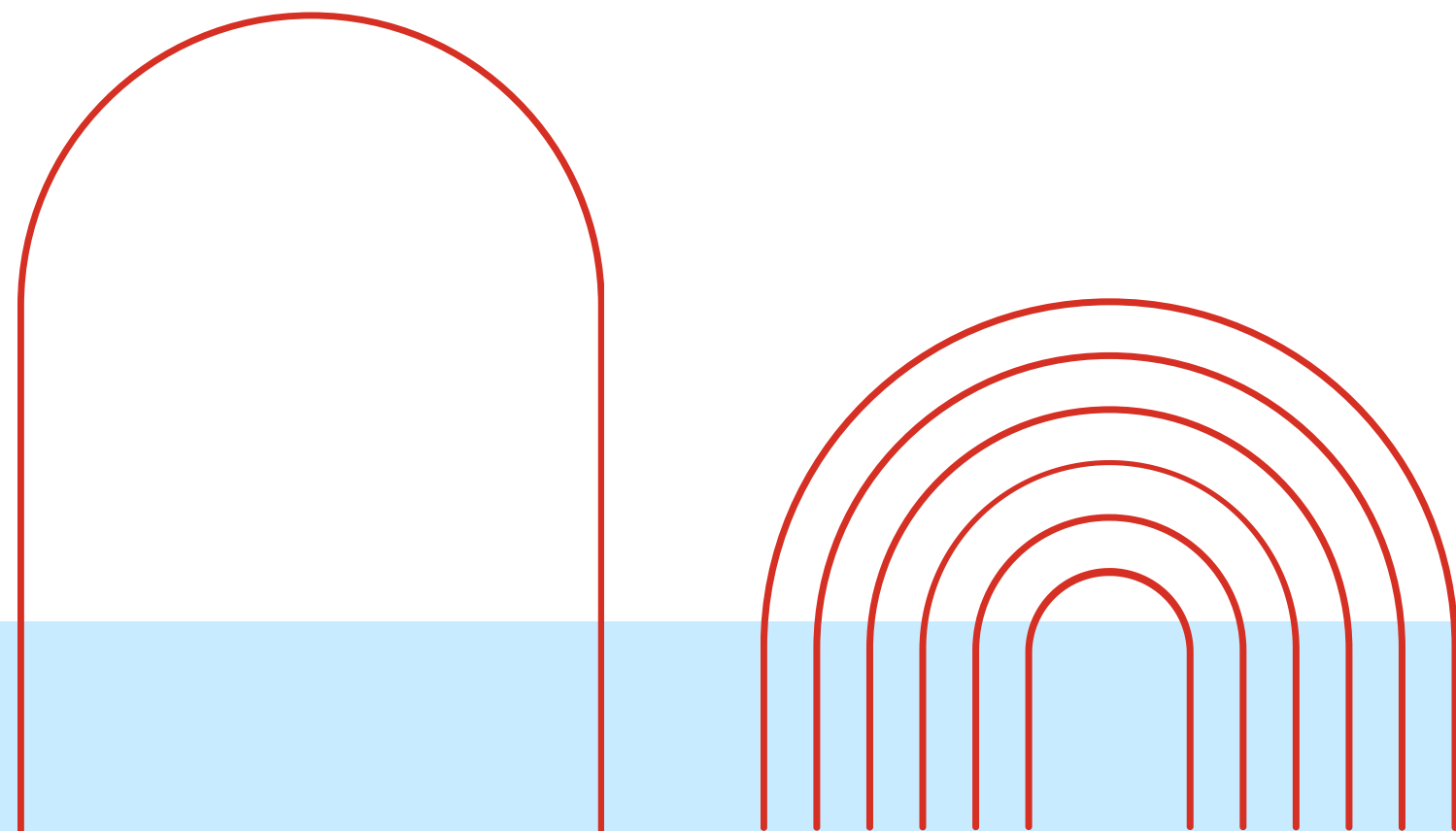
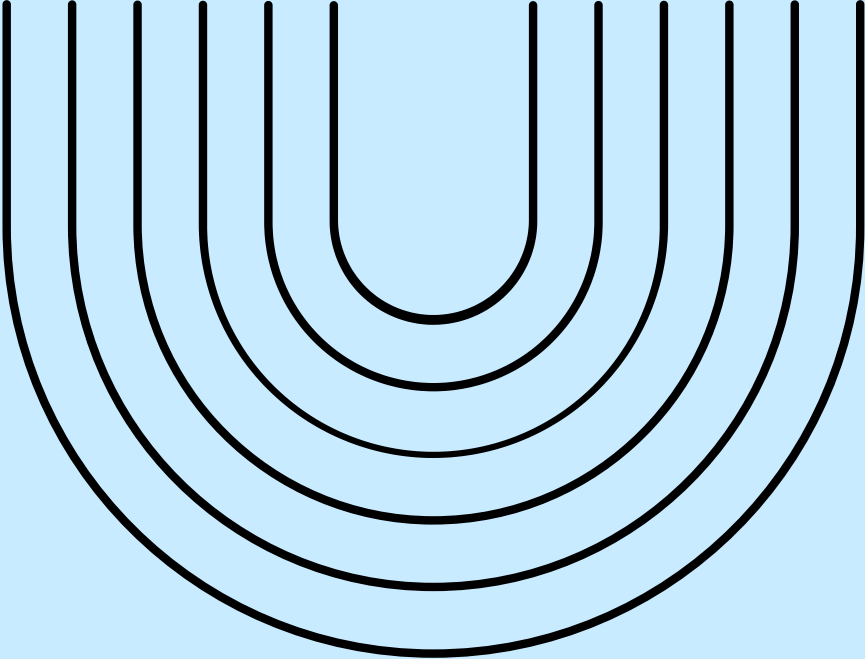


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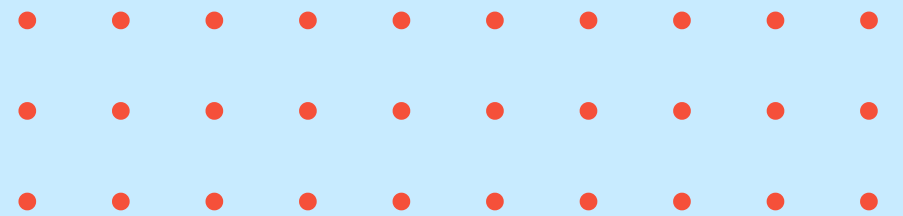
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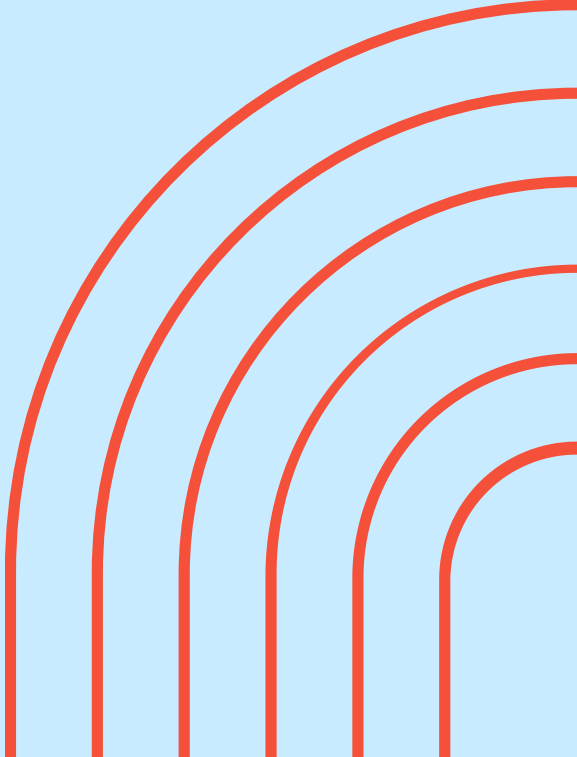


Introduction

- Web Application: Manages movie ticket booking process.
 - User Interface: Built to be attractive and user-friendly.
 - Backend Technology: Utilizes Spring Boot and MySQL Database.
 - User Roles:
 - User: Can book movie tickets easily.
 - Admin: Has special rights and permissions within the application.
 - Process:
 - Sequence of forms provided with validations.
 - Ensures consistency, reliability, and correctness of information.
 - Admin Rights:
 - Reserved rights with respect to application management and data access.
- 



PURPOSE

- Enable seamless ticket booking for movies.
 - Offer real-time seat availability updates.
 - Allow selection of showtimes and seat types (Royal or Premier).
 - Simplify the booking process for a hassle-free experience.
 - Enhance user convenience for enjoying favorite blockbusters.
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TECHNOLOGIES USED

Frontend: CSS, JavaScript, JSP

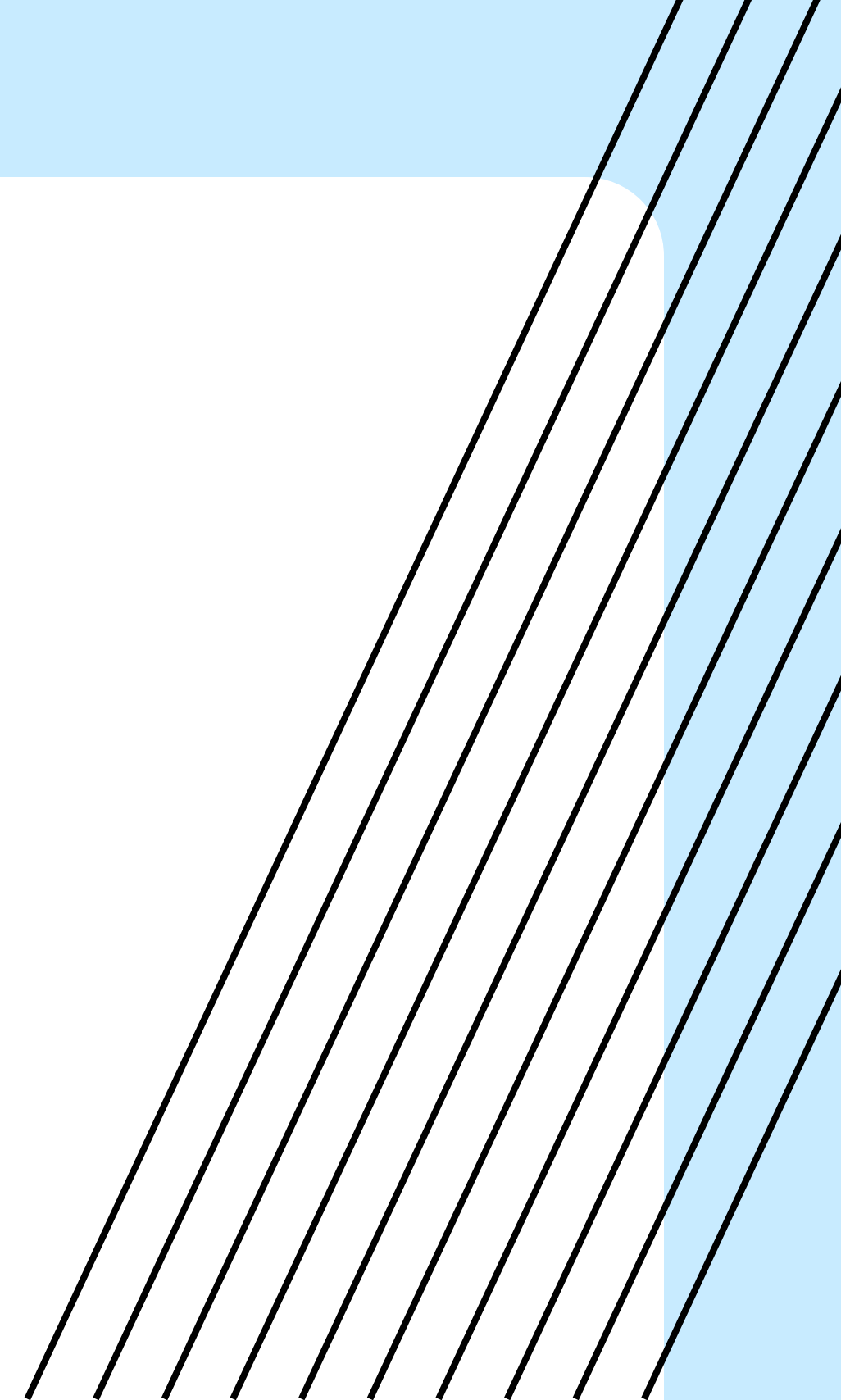
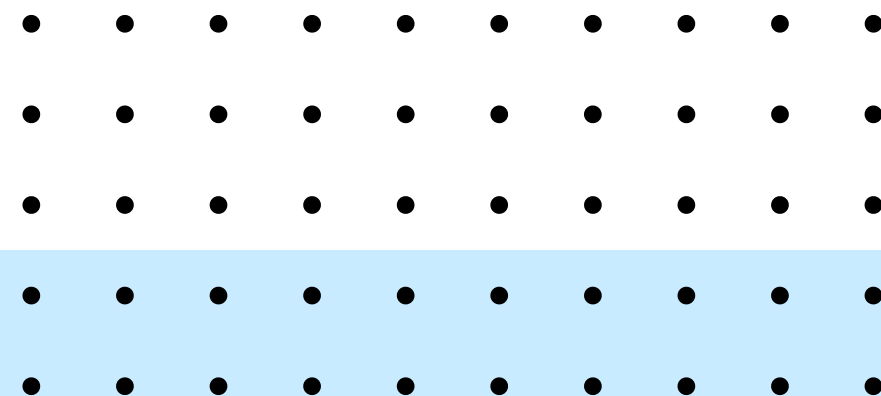
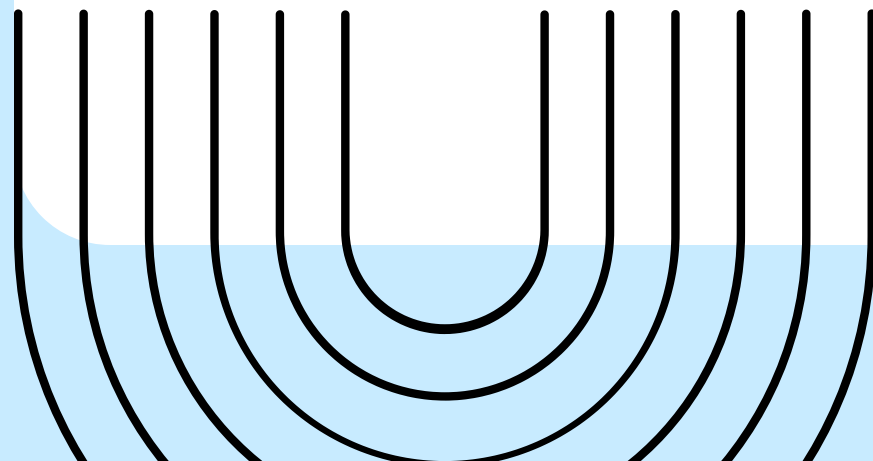
Backend: Java Spring Boot 3, Spring Data JPA, Spring Security

Database: MySQL 8.0

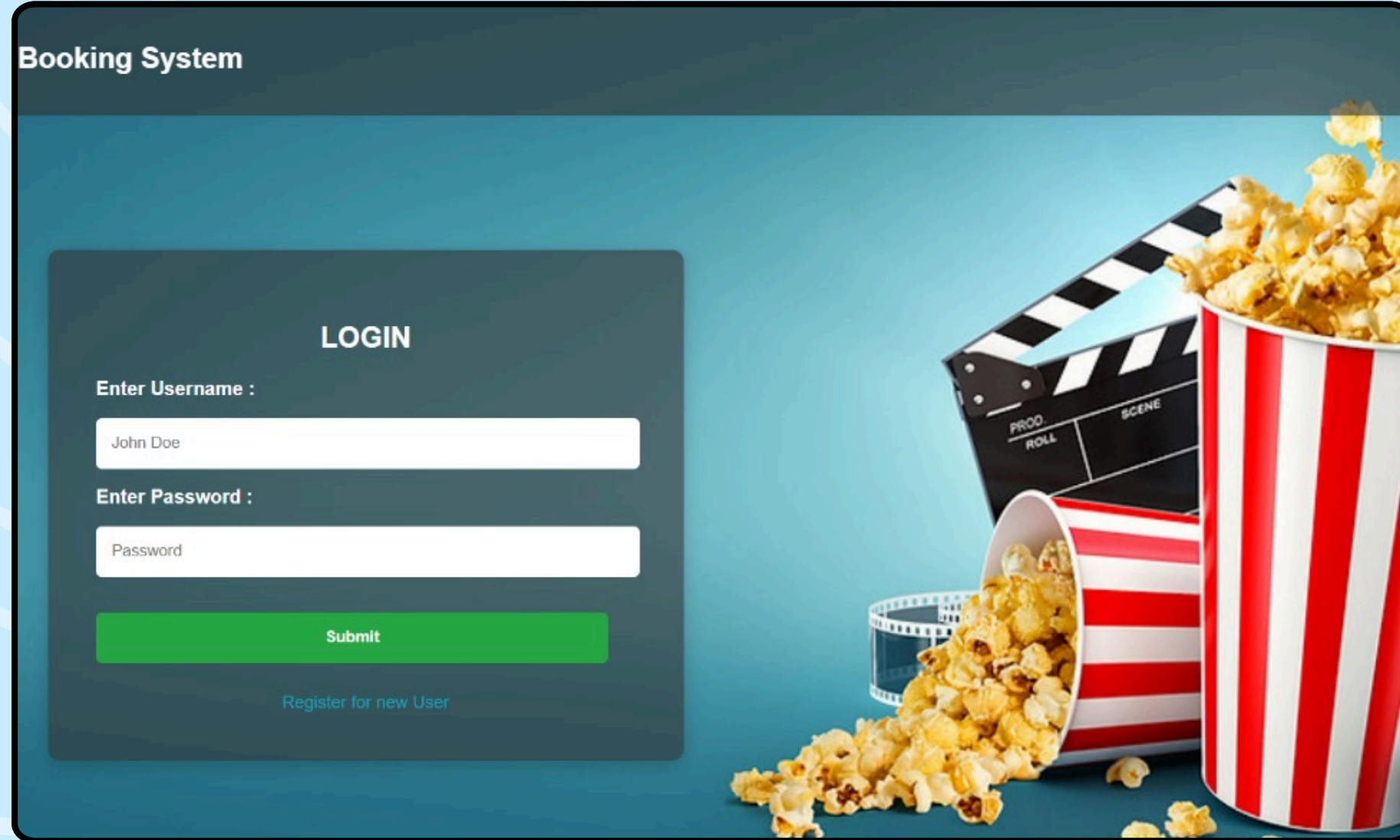
Build Tool: Maven

Code Editor and tools: Eclipse IDE

Server: Apache Tomcat 9



LOGIN /SIGN UP PAGE



The screenshot shows the 'Booking System' login interface. It features a dark teal header with the title 'Booking System'. The main area has a light blue background with a movie-themed illustration of a clapperboard, popcorn, and a film strip. On the left, a dark grey login form is centered. It has the title 'LOGIN' in white. Below it, there are two input fields: 'Enter Username :' with the placeholder 'John Doe' and 'Enter Password :' with the placeholder 'Password'. A green 'Submit' button is at the bottom of the form, and a link 'Register for new User' is below it.

Booking System

LOGIN

Enter Username :
John Doe

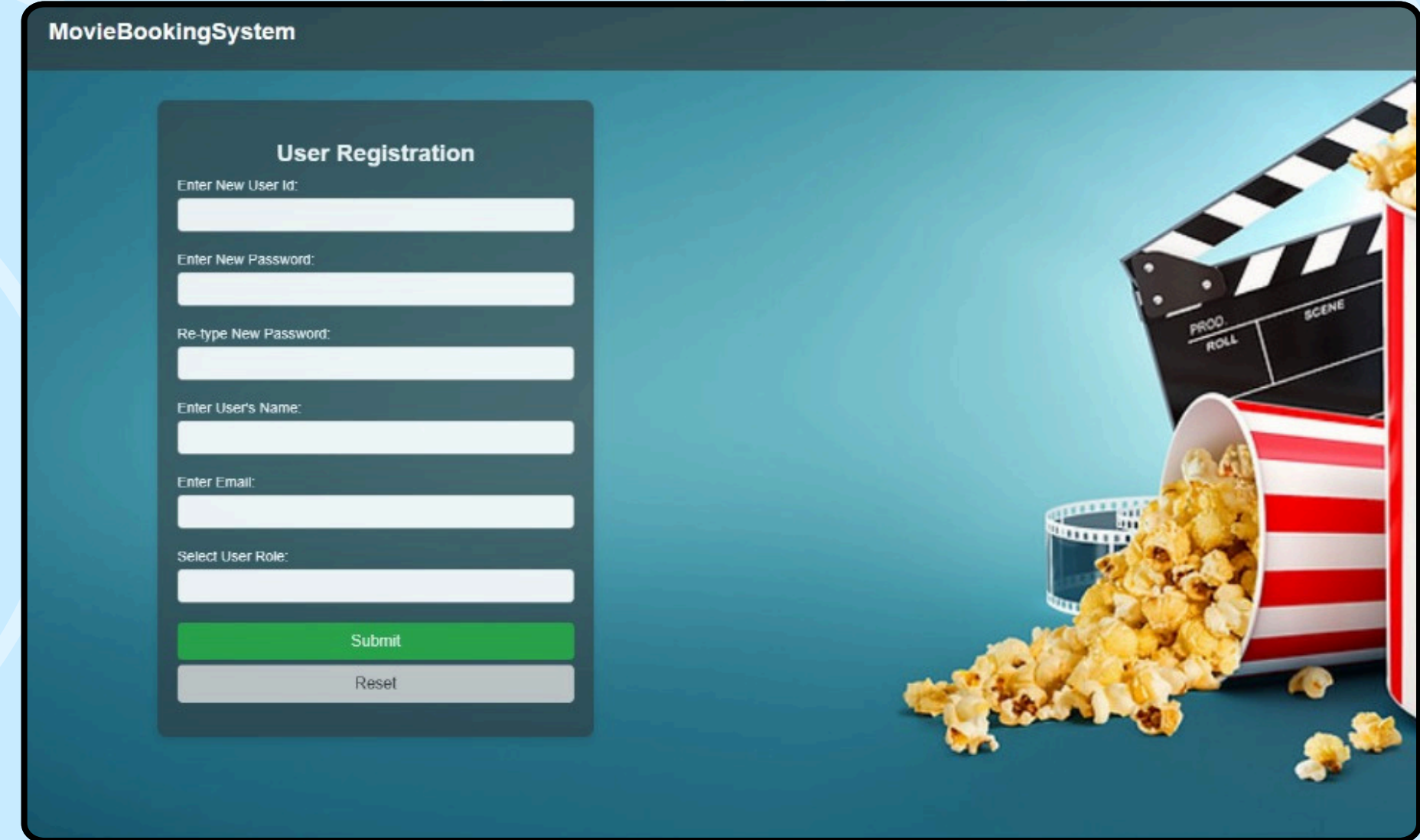
Enter Password :
Password

Submit

[Register for new User](#)

LOG IN PAGE

This picture shows the login page of our application which helps the users and the admins to log-in into the application.



The screenshot shows the 'MovieBookingSystem' registration interface. It features a dark teal header with the title 'MovieBookingSystem'. The main area has a light blue background with a movie-themed illustration of a clapperboard, popcorn, and a film strip. On the left, a dark grey registration form is centered. It has the title 'User Registration' in white. Below it, there are five input fields: 'Enter New User Id:', 'Enter New Password:', 'Re-type New Password:', 'Enter User's Name:', and 'Enter Email:'. A 'Select User Role:' dropdown menu is below the email field. At the bottom of the form are two buttons: a green 'Submit' button and a grey 'Reset' button.

MovieBookingSystem

User Registration

Enter New User Id:
[Input Field]

Enter New Password:
[Input Field]

Re-type New Password:
[Input Field]

Enter User's Name:
[Input Field]

Enter Email:
[Input Field]

Select User Role:
[Dropdown Menu]

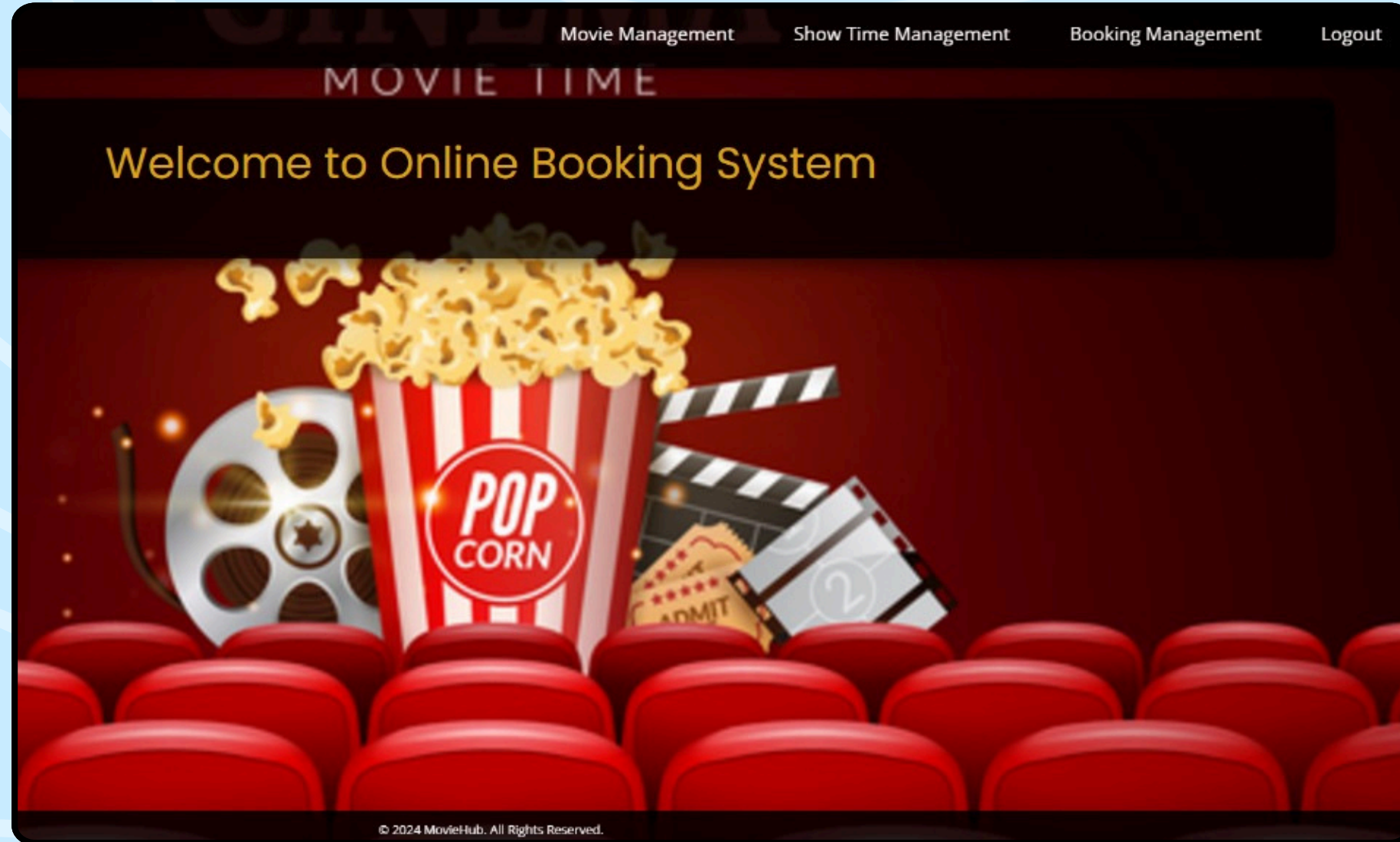
Submit

Reset

REGISTRATION PAGE

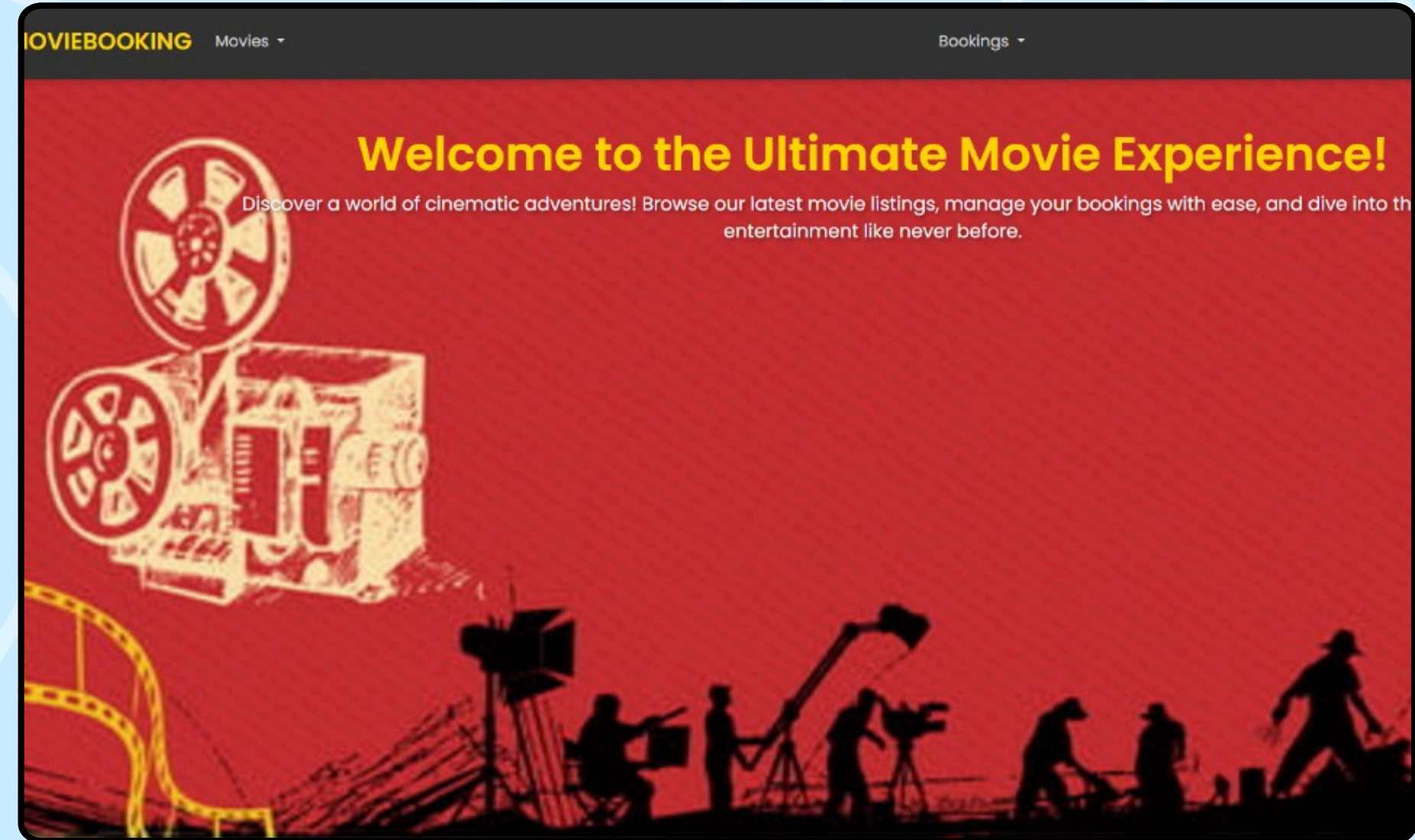
This picture shows the registration page for all the users including the admin and the customers to enter their information and what they want to log in as.

HOME PAGE OF APPLICATION



ADMIN INTERFACE

This picture demonstrates the login page of our application for user log in and admin login.



CUSTOMER INTERFACE

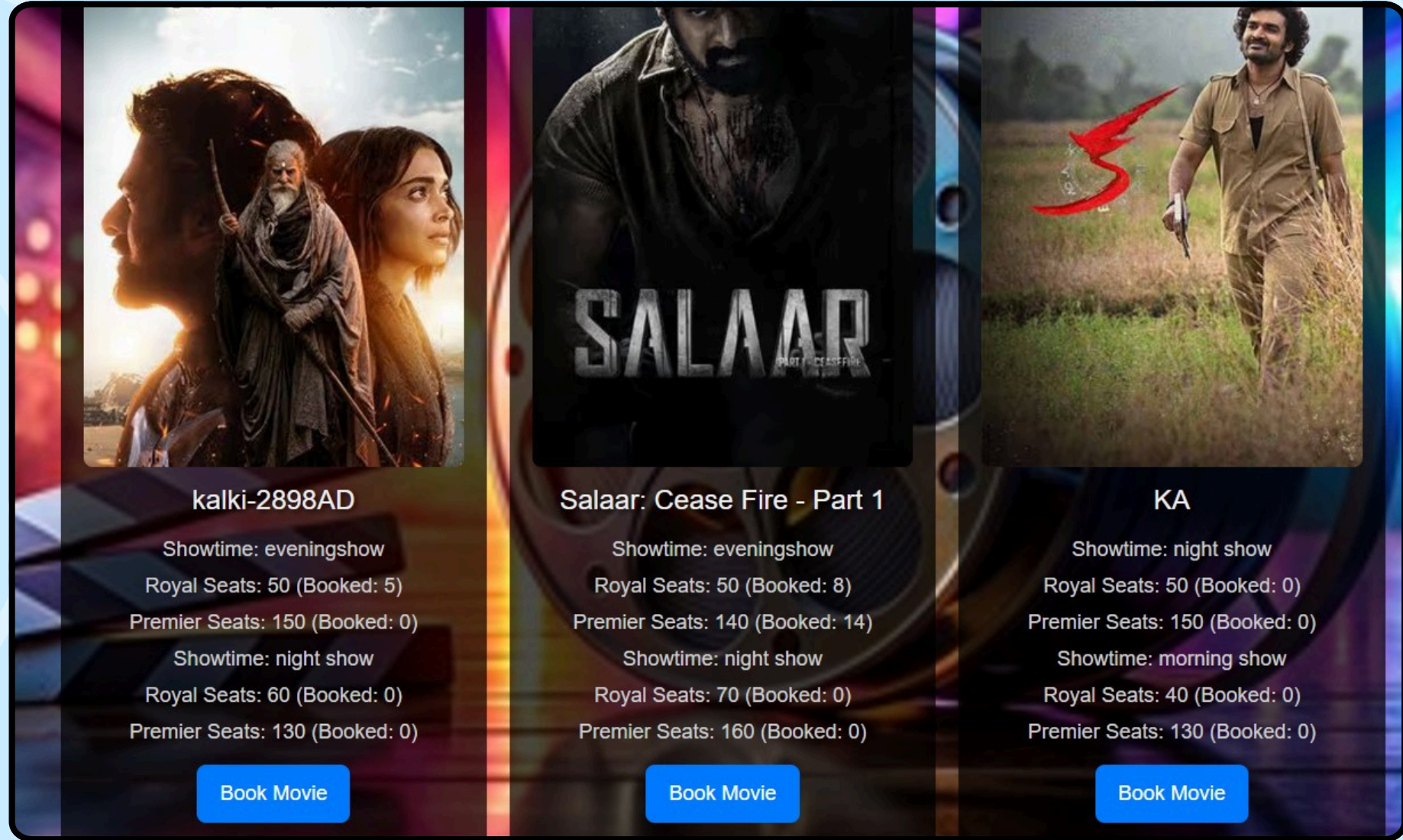
This picture demonstrates the login page of our application for user log in and admin login.

CUSTOMER MOVIE SELECTION



TICKET BOOKING SECTION

This features allows the customers to select their preferred Language of the movie the customer wants to watch and it filters out the movie of the same language accordingly.



TICKET BOOKING CONFIRMATION

This picture shows the names of the movie which are available in Telugu language according with the following details mentioned in the snapshot.

BOOKING PROCEDURE FOR CUSTOMER

Movie Booking System

Book Your Movie Tickets

☒ eveningshow

Royal Seats Available
60

Premier Seats Available
150

Seat Type

Royal

Number of Seats

2

☐ Matinee

Royal Seats Available
70

Premier Seats Available
140

Seat Type

Royal

Number of Seats

Confirm Booking

Back

Booking Successful!

Your booking has been confirmed!

Transaction ID: d6674dbb-fd3c-441f-8687-cb23dc1cfeac

Movie Name	Pushpa: The Rule - Part 2
Show Time	eveningshow
Seat Type	royal
Number of Seats	2
Total Amount (INR)	475.0
Status	Confirmed

Back

Thank you for booking with us!

TICKET BOOKING SECTION

The ticket booking section shows the price of the ticket and gives the features to customers to add the number of seats and the type of seats according to the customers choice.

TICKET BOOKING CONFIRMATION

The result shows the final booking of the movie and the desired seat for theater.

Future Implementation

Online Payment

Online Payment Gateway can be one of the key features add to this application so that without standing in the queue customers can easily book tickets online.

Recommendations

AI based recommendations can be a mandatory features so that customers can get recommendations according to their choice and based on their previous bookings.

Mobile Application

A mobile based application allows the customer to book tickets for movie shows on their mobile phones which allows them to make their bookings any time and any place.



Thank you

Under the guidance of
Suramya Biswas

TEAM MEMBERS

- Sampath Baniseti
 - Anaya Kognole
 - Aditya Chopra
 - Janardhan Reddy
 - Chavva Sahithya
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Proposed Soltuion

Product functionality:

- The movie Ticket Booking System provides features for admin and Users. It includes several functionalities describe below:
- · Searching Movies:
- Users can view the required using filters by city, and Movie name.
- · Booking a Movie Ticket:
- · User can book as many tickets as he wants sitting at home means over the internet. And could pay the money online or at the booking desk in the theatre.
- · Adding A Theatre by Admin:
- An Admin has the right with a particular city. Admin can also delete the theatre.
- · Adding A Movie Theatre by Admin:
- An Admin has the right to add movies with a particular city. Admin can also delete the movies
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