Online Movie booking

Java SpringBoot Project
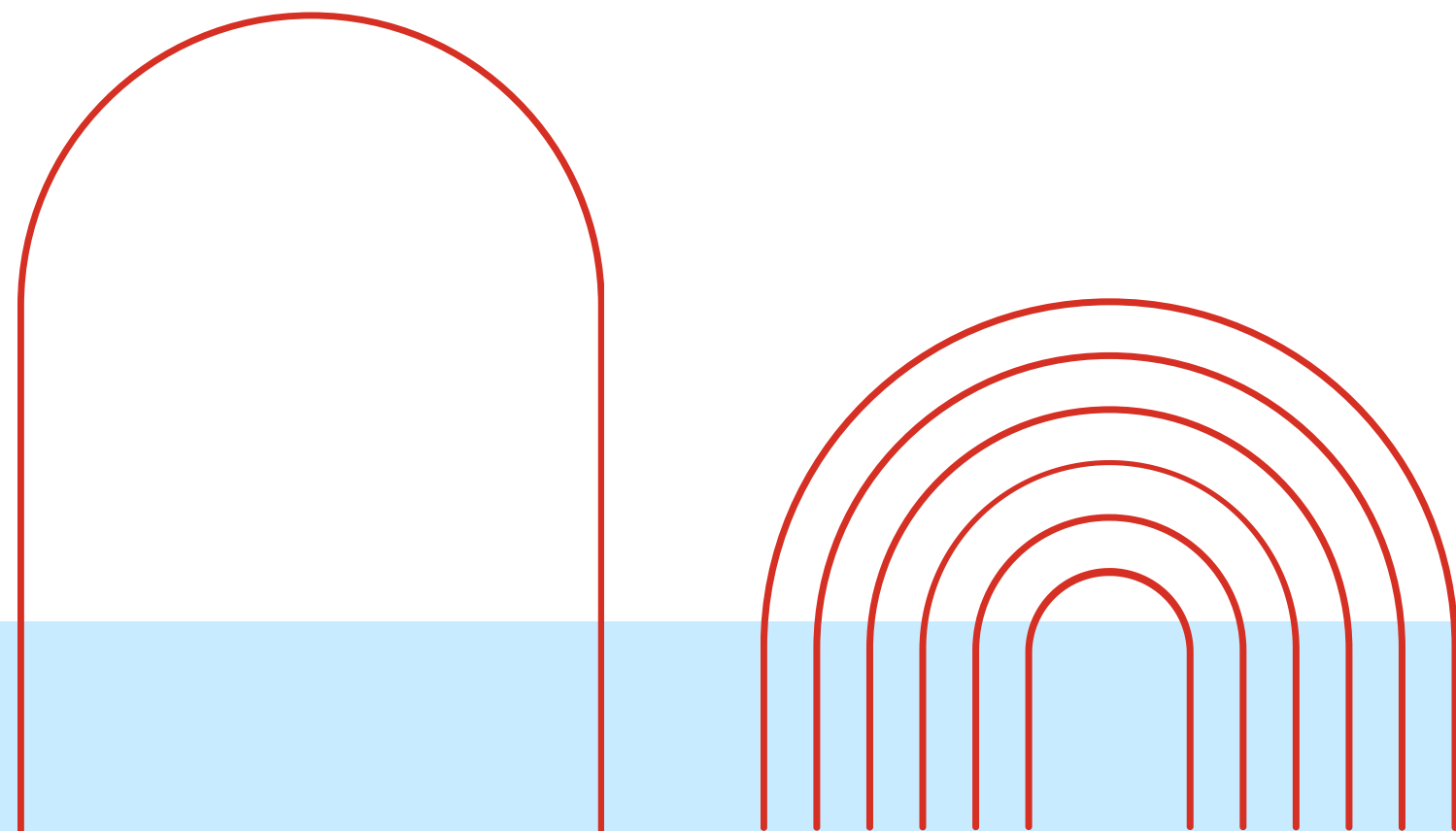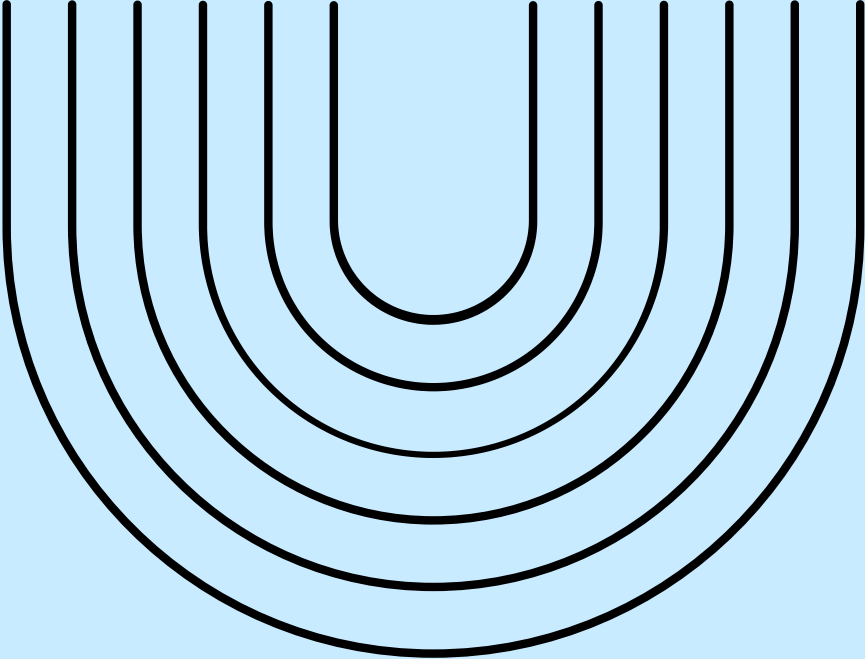
Table of content

Introduction

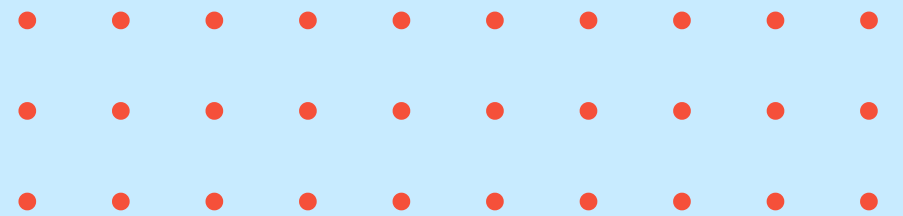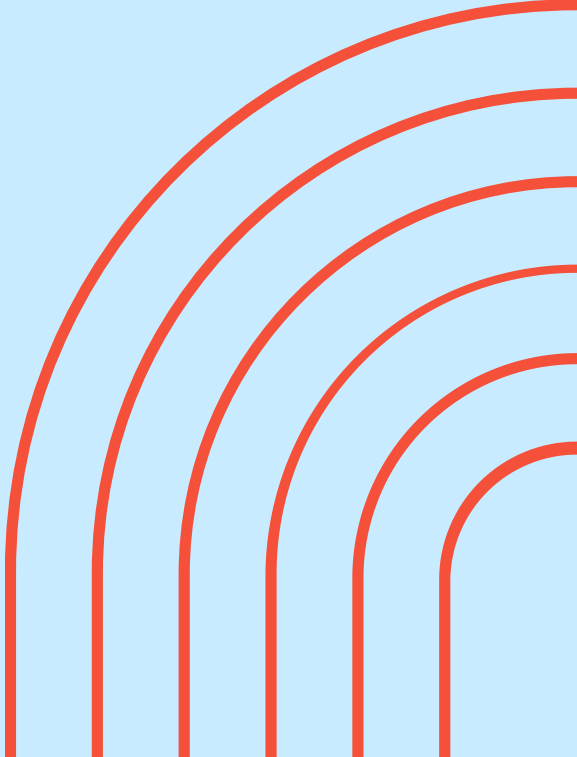- Web Application: Manages movie ticket booking process.
- User Interface: Built to be attractive and user-friendly.
- Backend Technology: Utilizes Spring Boot and MySQL Database.

- 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.
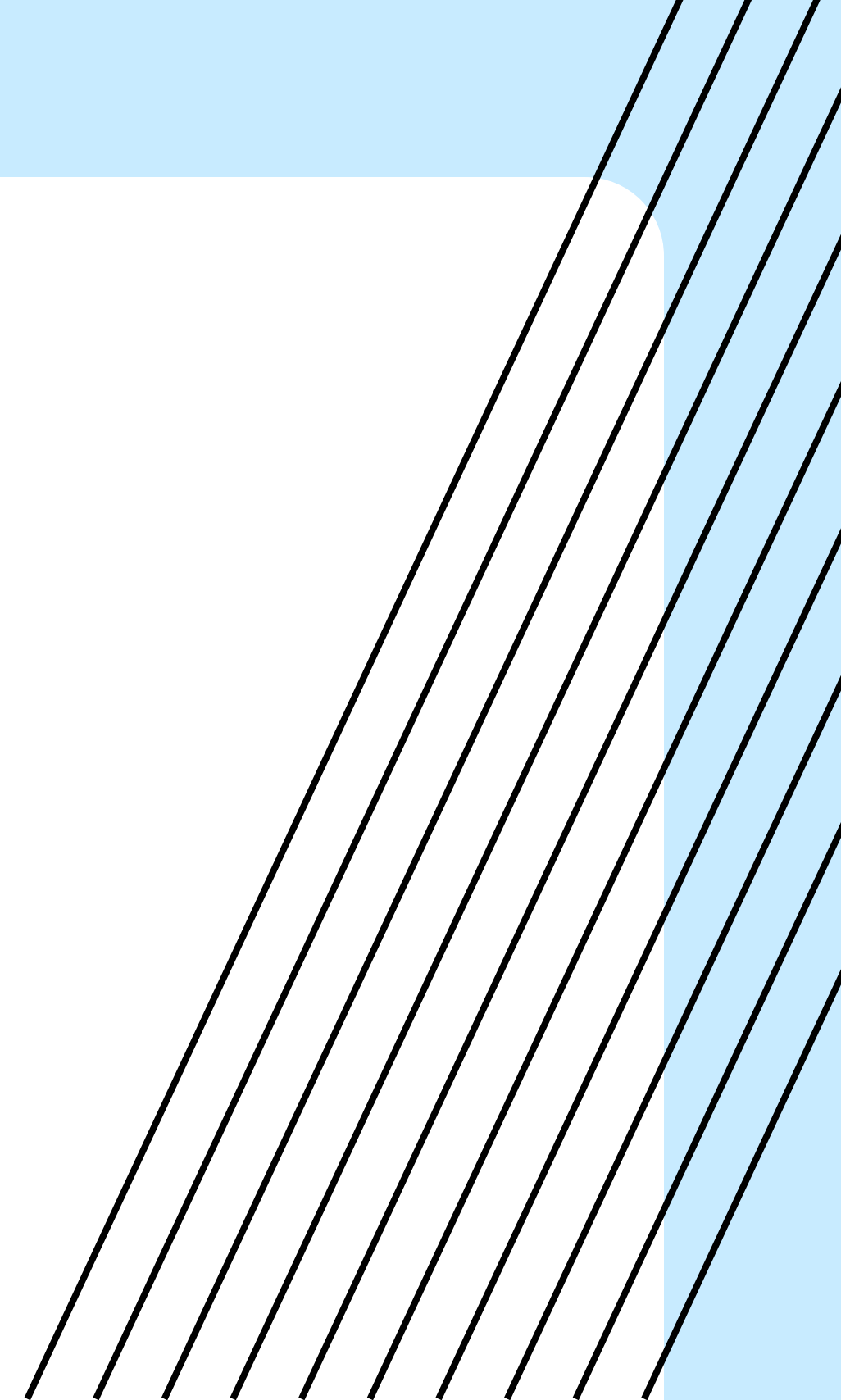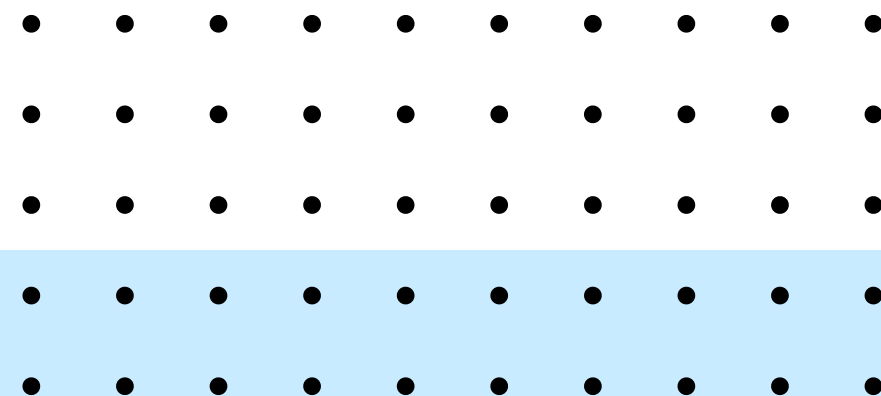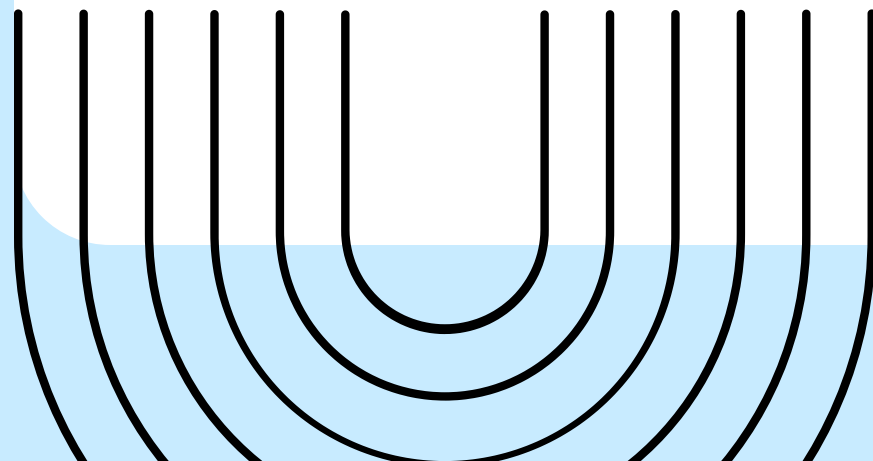
TECHNOLOGIES USED

Frontend: CSS, JavaScript, JSP

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

Database: MySQL 8.0
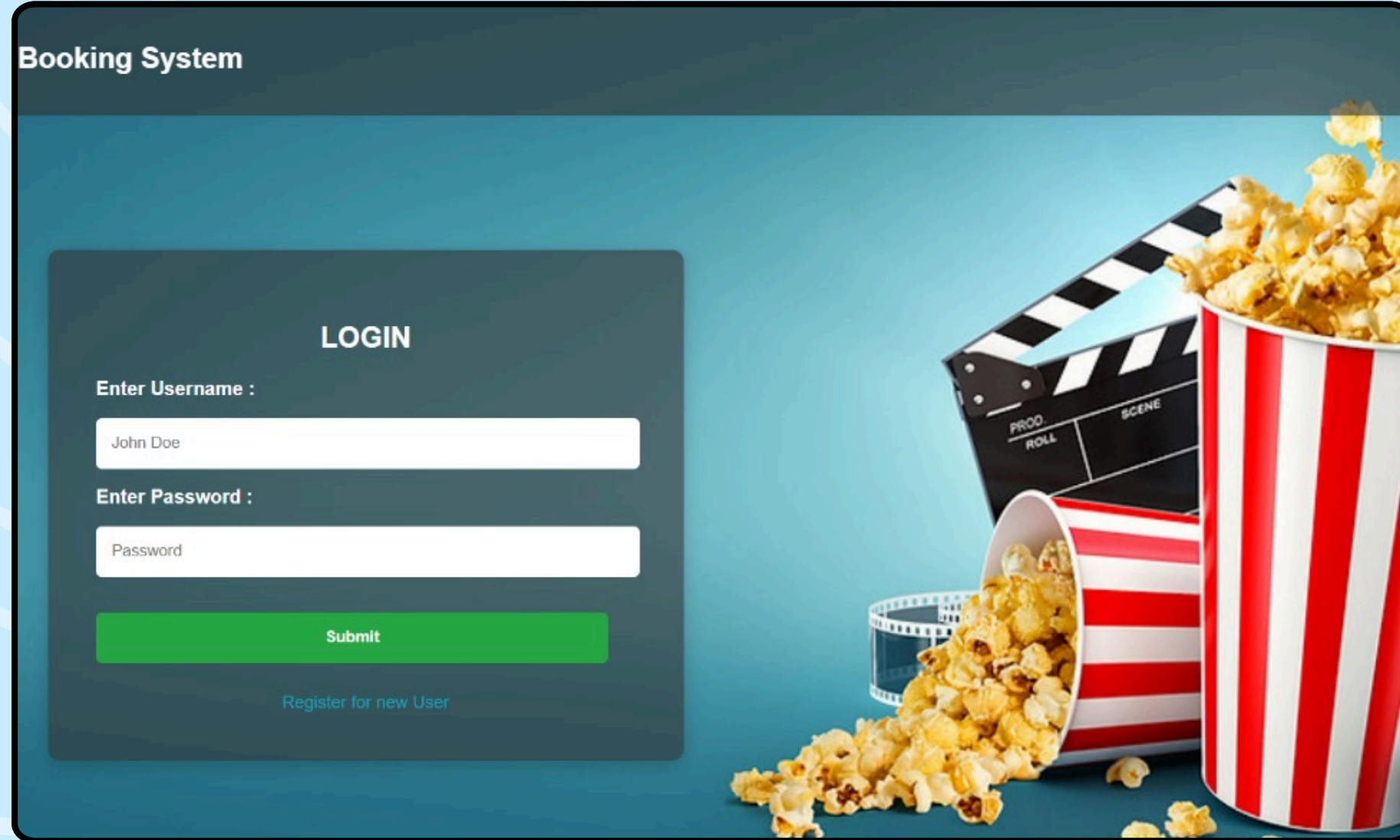
Build Tool: Maven

Code Editor and tools: Eclipse IDE

Server: Apache Tomcat 9

LOGIN /SIGN UP PAGE
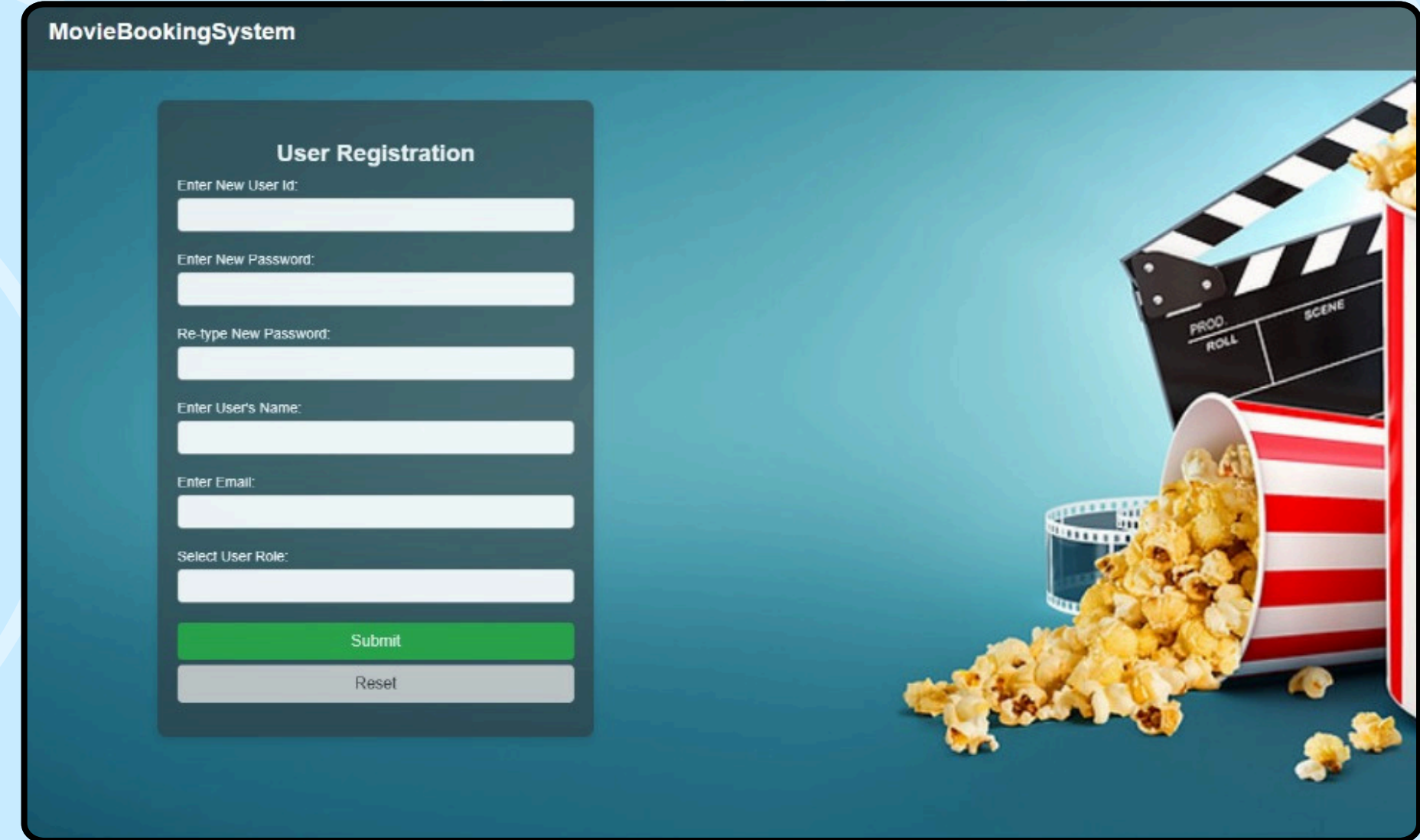
LOG IN PAGE

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

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 home page UI for the admin who has the rights to add movies and shows.
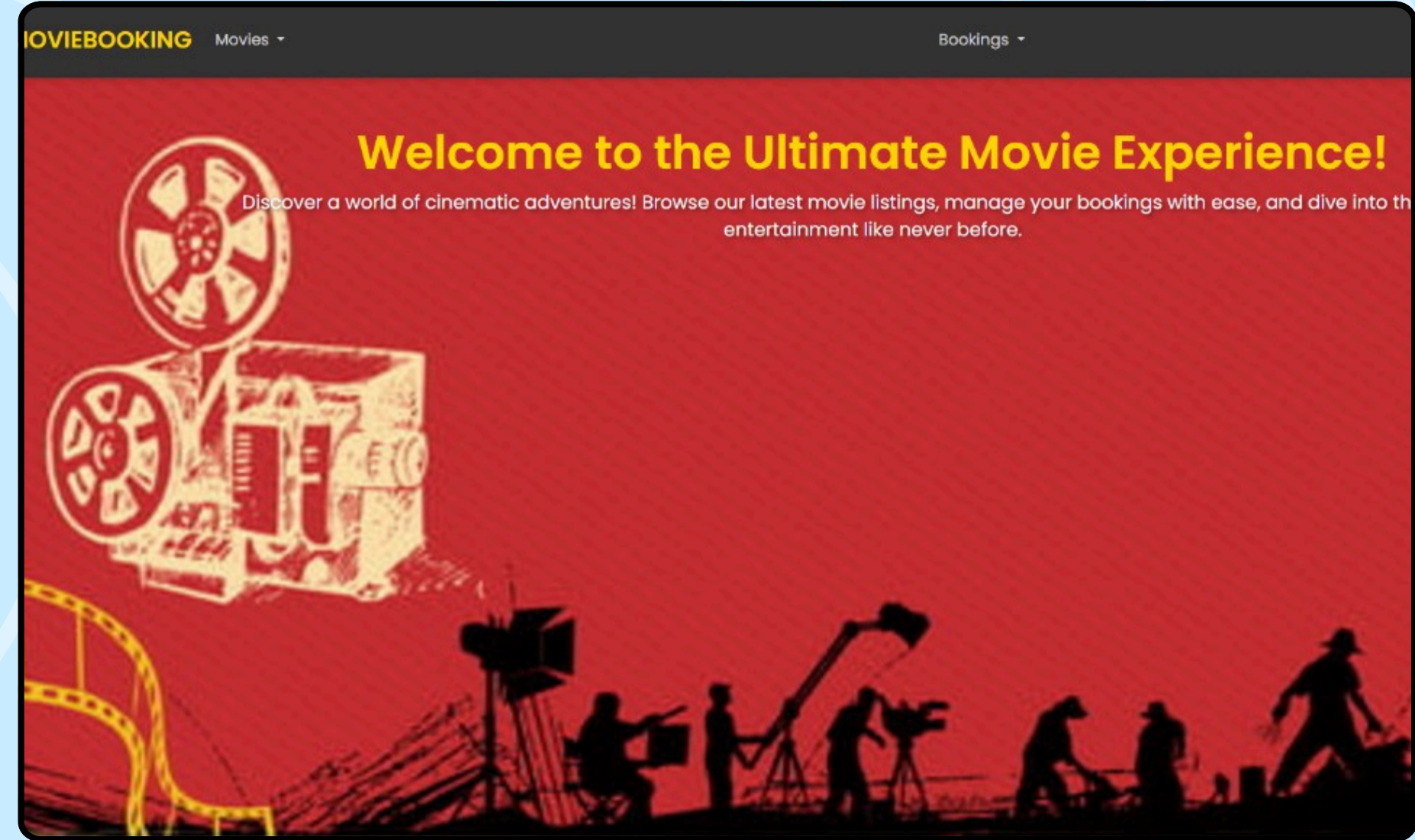
CUSTOMER INTERFACE

This picture show the home page ui of the customer where customer has the following options to choose the movies and look after their bookings and logout. from the application.

CUSTOMER MOVIE SELECTION

Select Movie Language

Choose a Movie Language:

Telugu ▾

Submit

kalki-2898AD
Showtime: eveningshow
Royal Seats: 50 (Booked: 5)
Premier Seats: 150 (Booked: 0)
Showtime: night show
Royal Seats: 60 (Booked: 0)
Premier Seats: 130 (Booked: 0)

Book Movie

Salaar: Cease Fire - Part 1
Showtime: eveningshow
Royal Seats: 50 (Booked: 8)
Premier Seats: 140 (Booked: 14)
Showtime: night show
Royal Seats: 70 (Booked: 0)
Premier Seats: 160 (Booked: 0)

Book Movie

KA
Showtime: night show
Royal Seats: 50 (Booked: 0)
Premier Seats: 150 (Booked: 0)
Showtime: morning show
Royal Seats: 40 (Booked: 0)
Premier Seats: 130 (Booked: 0)

Book Movie

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.
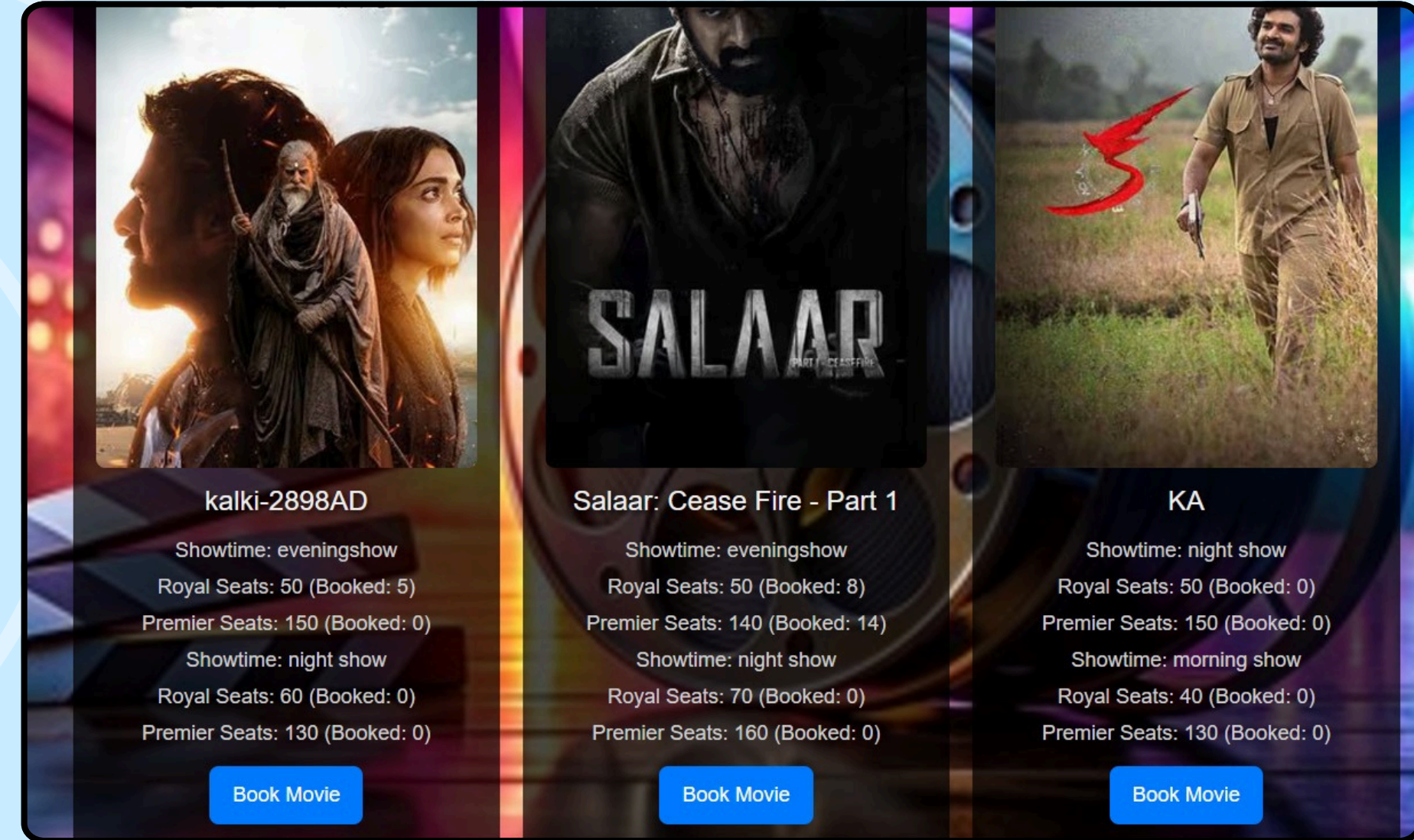
TICKET BOOKING CONFIRMATION

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

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 threater.

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 Banisetti
- Anaya Kognole
- Aditya Chopra
- Janardhan Reddy
- Chavva Sahithya