

Project Milestone 3

Movie Booking System

Project members:

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Objective:

The main objective of the project on Online Movie booking system is to manage the details of Movie Tickets, Booking Shows, Show Timing, Customer Subscriptions. It manages all the above information. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application to reduce manual work for managing the Movie, Book Tickets, Add Theaters, Add Shows.

It is a 2-tier architecture with the lowest level as database and top level as user interface.

Functionalities provided in the Application:

- User Registration which dedicated user access.
- User can book tickets based on search and available.
- User can book based on date and no of tickets.
- Payment details needed for ticket payment.
- User can print the tickets.
- Admin can add the theaters, screens with show times and movies.

Information collection and Requirements:

Hardware Configurations:

- A PC with Processor-Pentium-3, Speed-1.1 GHz or above
- RAM: 2GB or above
- Hard Disk: 4GB free space

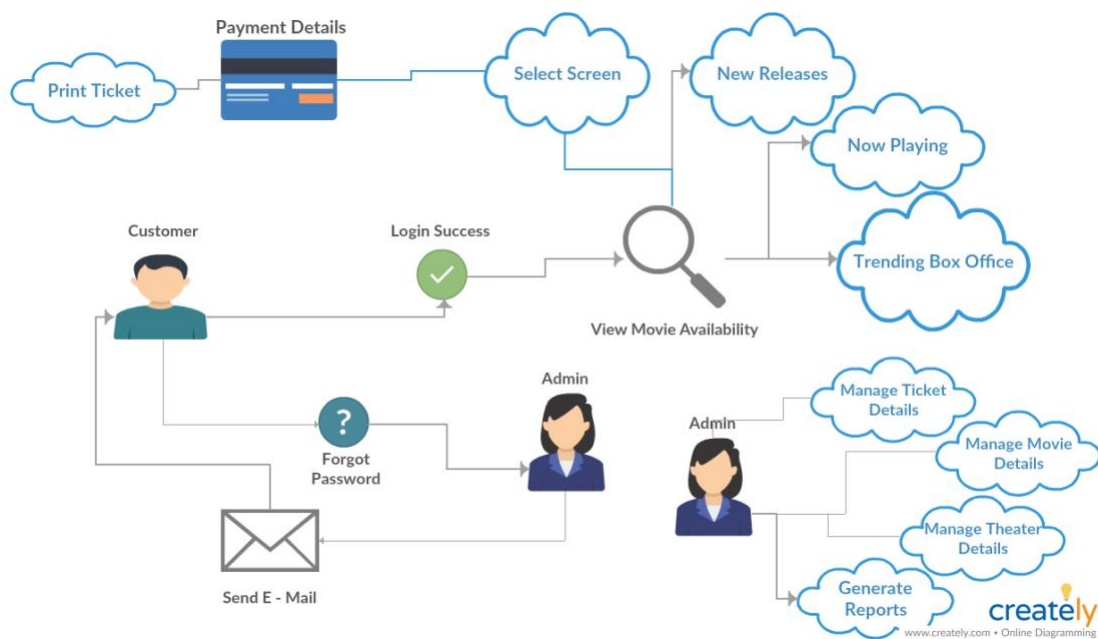
Software Configurations:

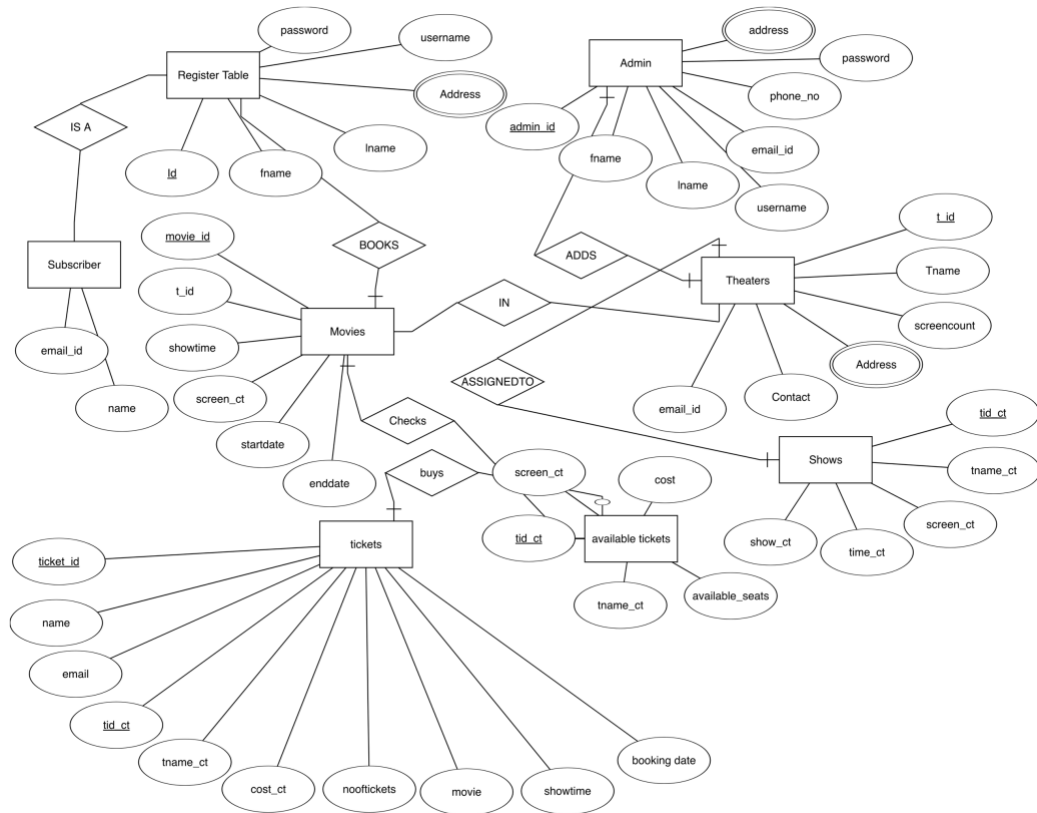
- OPERATING SYSTEM: Windows XP/7/8/10, macOS
- CONNECTIVITY: JDBC
- SERVER: Apache Tomcat 8/9
- SCRIPTING: Java, HTML, JSP
- JAVA VERSION: JDK 1.7/1.8

Platform:

- IDE: Eclipse
- DATABASE: MYSQL

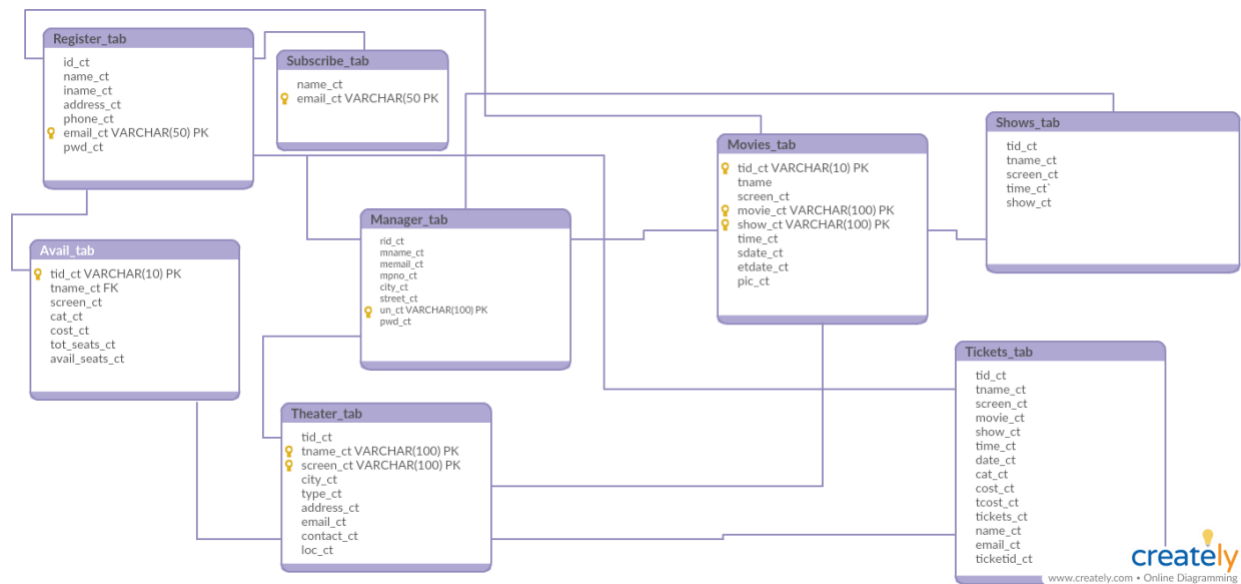
ER Diagram:

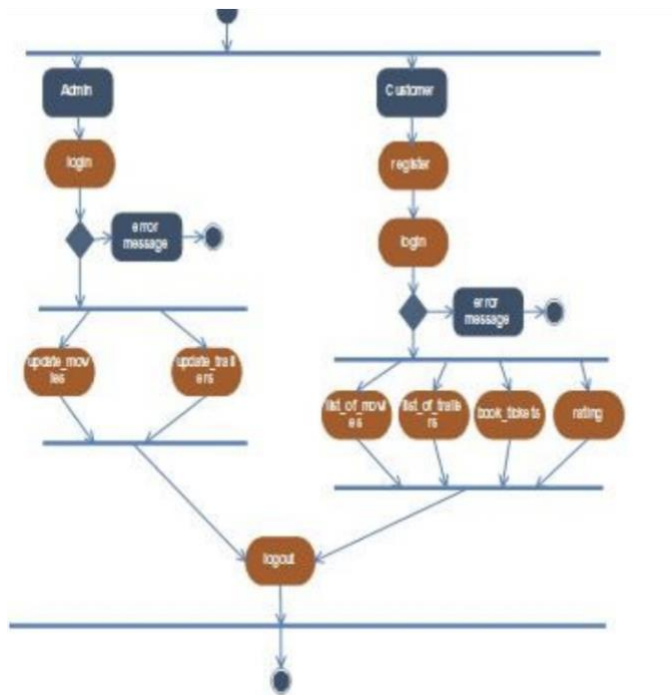




Database Schema:

Architecture:





Constraints:

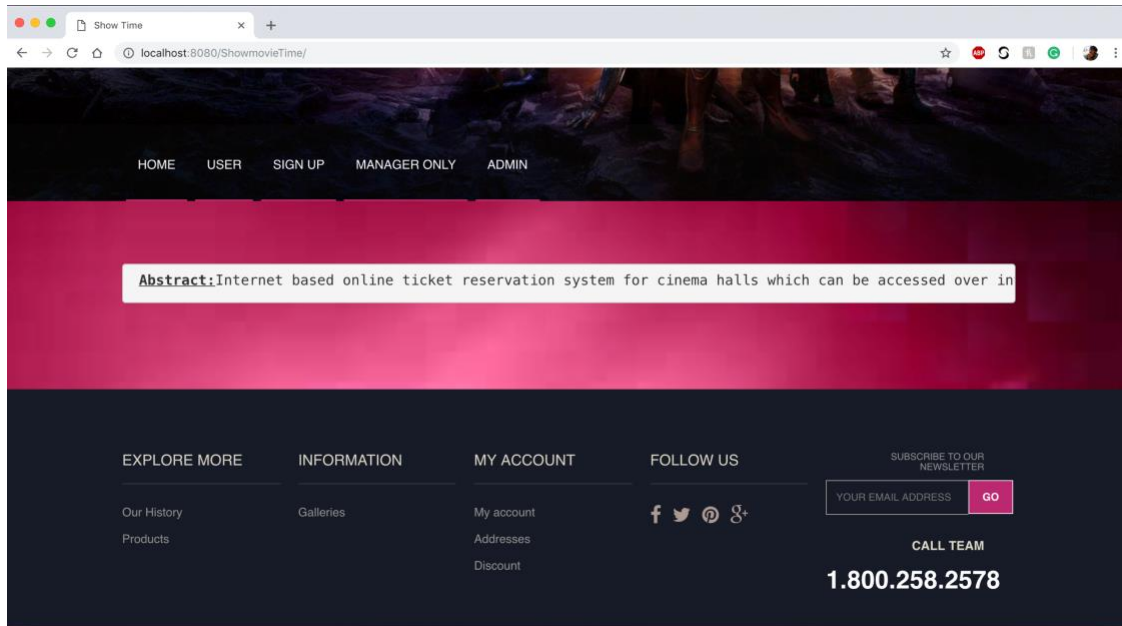
The username, password, department name, qualification, age, gender etc cannot be null.

Date of birth cannot be less than 1900

Date of joining cannot be less than 2000

Front End Design:

Home Page:



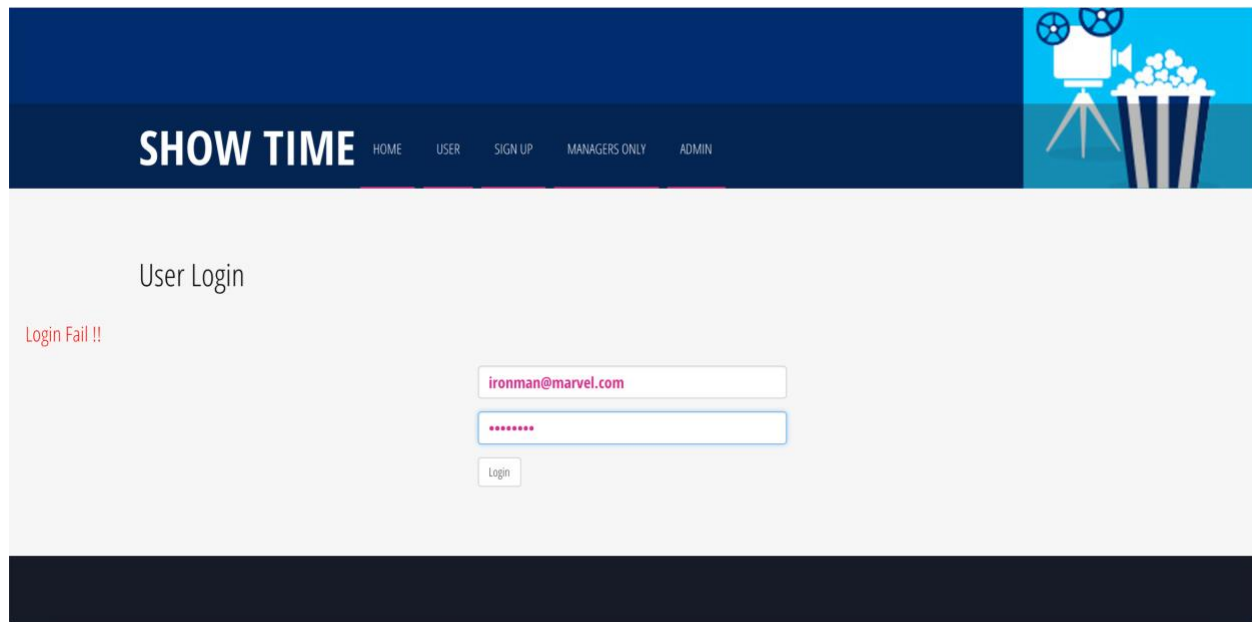
Registration Page:

User can register in the page and the data will be stored in registration table in database

The screenshot shows the "Registration Success" page of the Show Time application. The browser's address bar shows the URL "localhost:8080/ShowmovieTime/register.jsp?id=captainamerica@marvel.com". The page has a light gray background. At the top, it says "Registration Success !" in red. Below that, it displays "Your User Id:: captainamerica@marvel.com" in green, followed by a "Login Here" link. The main section is titled "Register Here" and contains a registration form. The form has two columns of input fields. The first column contains: "Name*" with the value "Tony", "Address*" with the value "10880 Malibu Point, LA", "Telephone" with the value "1234567891", and "Passwod*" (sic) with a masked password "*****". The second column contains: "Last Name*" with the value "Stark", "Email*" with the value "ironman@marvel.com", and "Confirm Password*" with a masked password "*****". At the bottom of the form are two buttons: "Register" and "Reset".

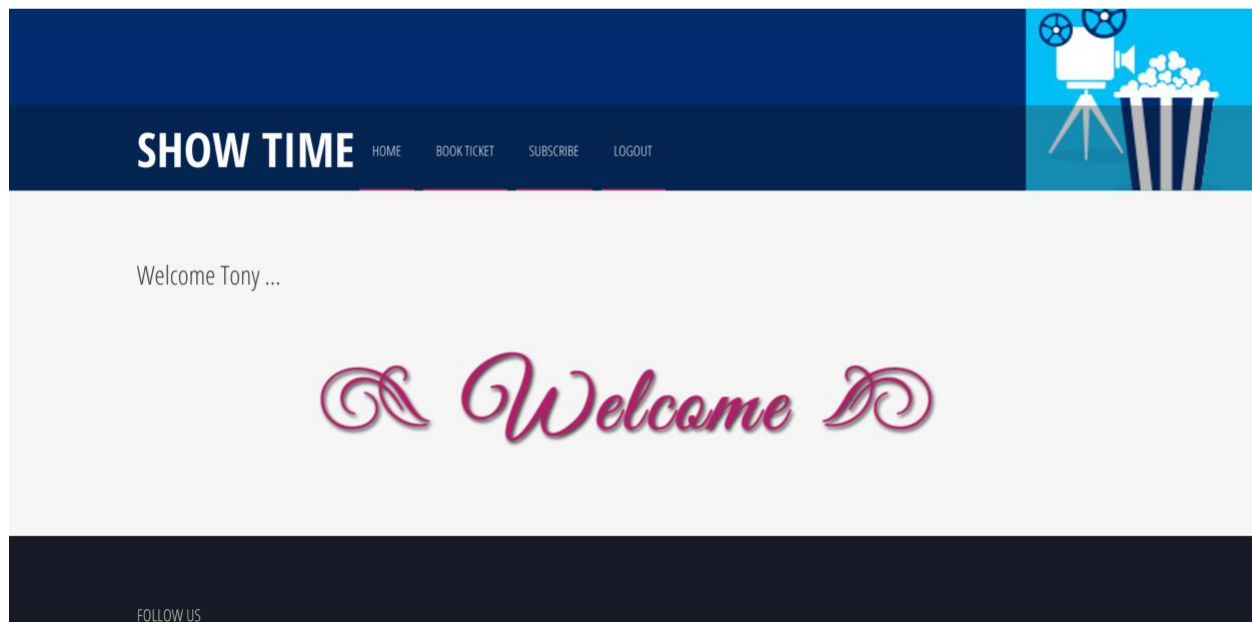
Login page:

Registered user can login with Email ID and Password.



Welcome Page:

Successful Login redirects to the welcome page and invalid credentials can lead to login fail as above screenshot.



Book Tickets Page:

User can Book tickets by selecting the book ticket tab or through search


SHOW TIME

HOMEBOOK TICKETSUBSCRIBELOGOUT


Movie Search

Enter Movie


Search Results



Aquaman



Aquaman



Aquaman


Selection of Date and No of Tickets:

After the movie selection, User can select the date and no of tickets and book the tickets.

SHOW TIME

HOMEBOOK TICKETSUBSCRIBELOGOUT

Booking..



Aquaman

Theater : AMC

Screen : Screen1

Select Date: 12/dd/2018

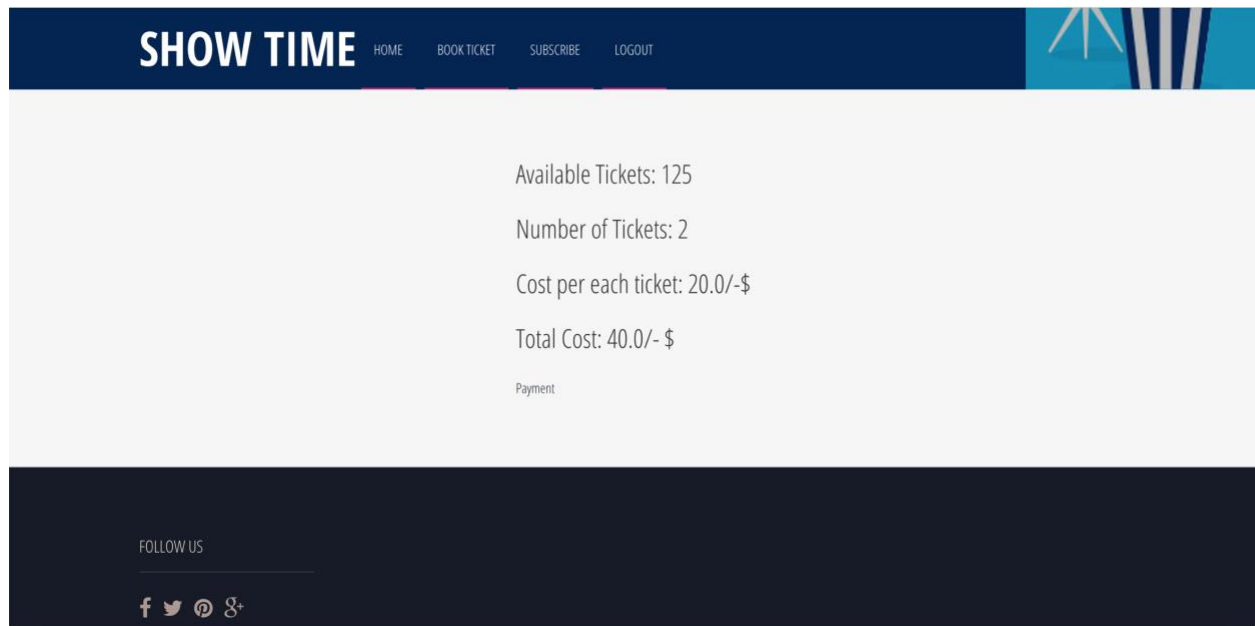
Show: 18:00: 1st show

Show: Platinum: 20.0/- \$

No of Tickets: 2

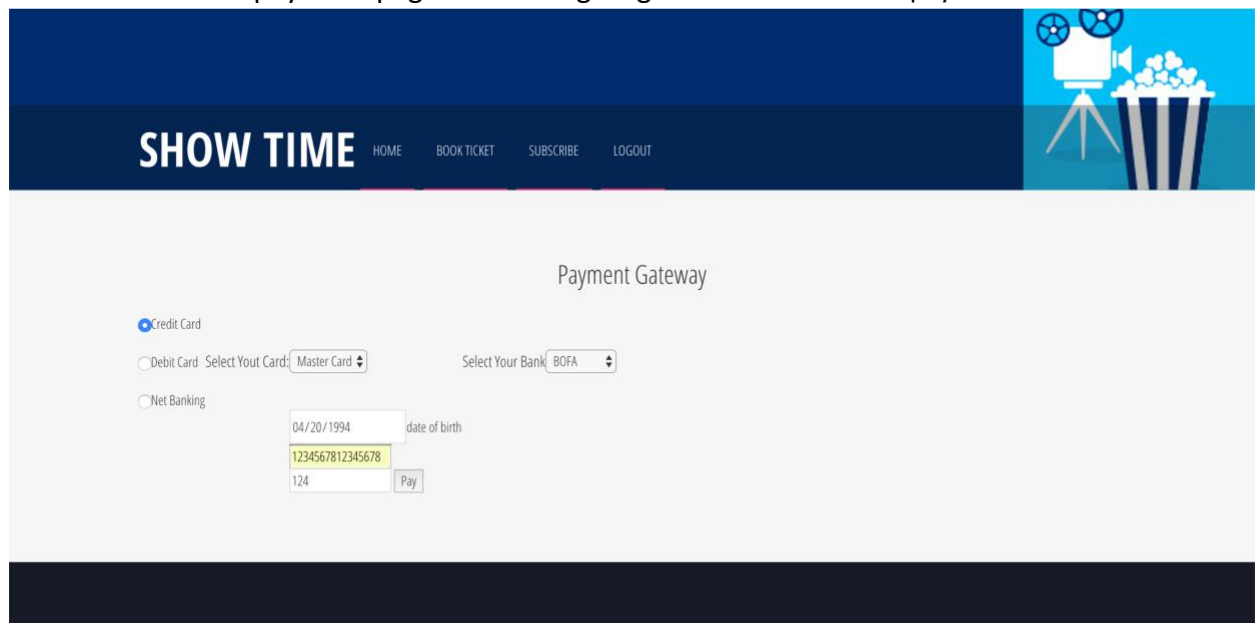
Book

Summary:

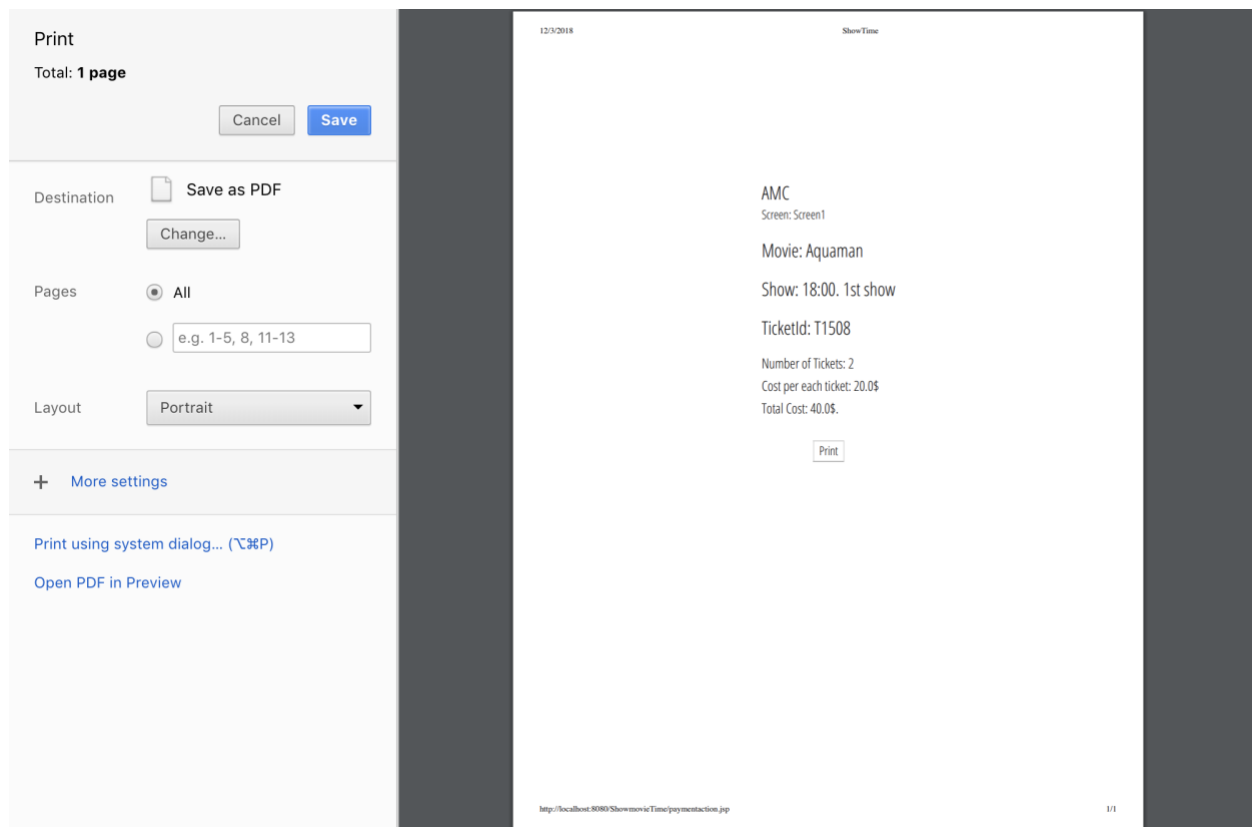
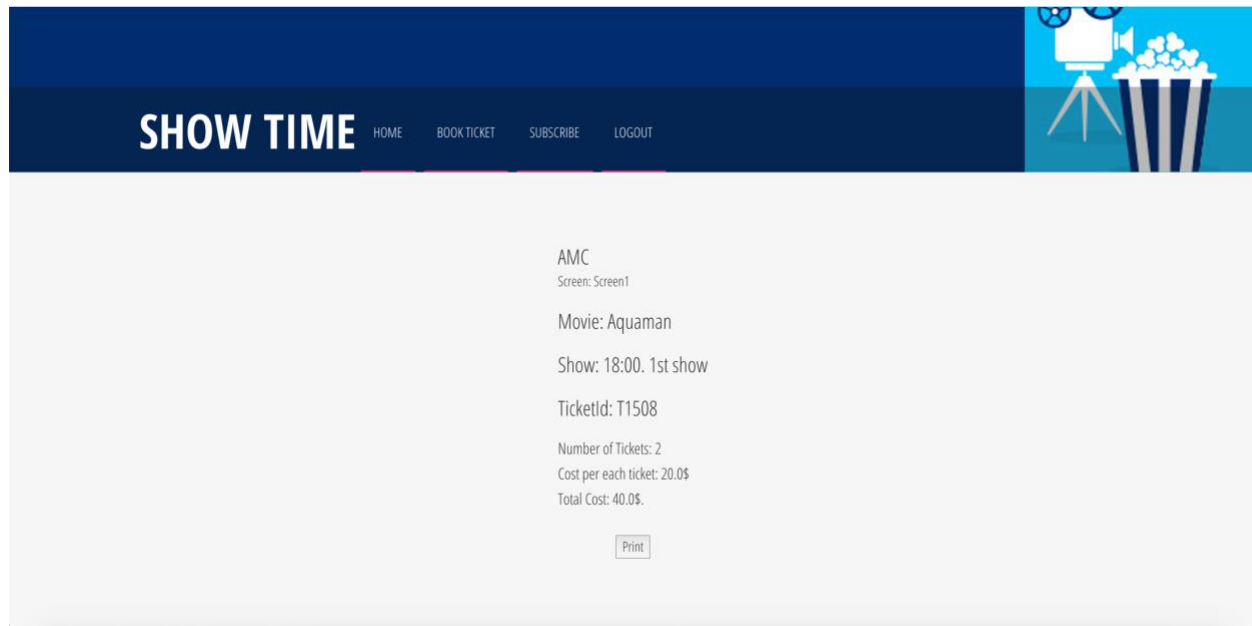


Payment and Print tickets:

User will return to payment page and After giving the details user can pay.

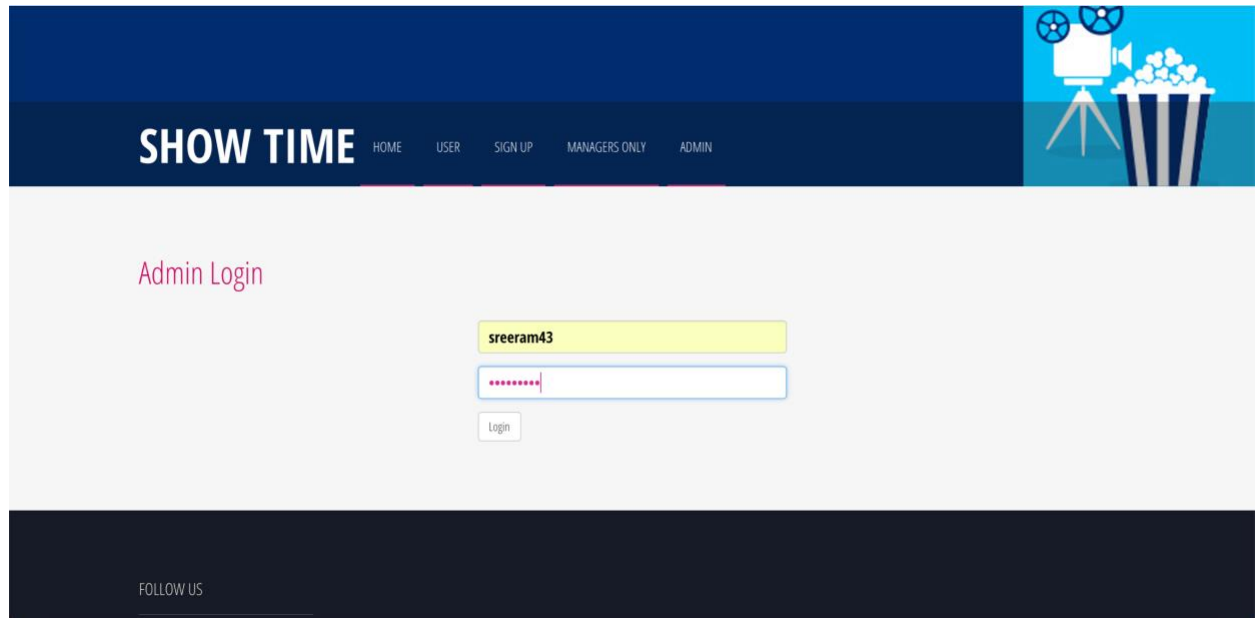


The ticket is generated and user can print the ticket.

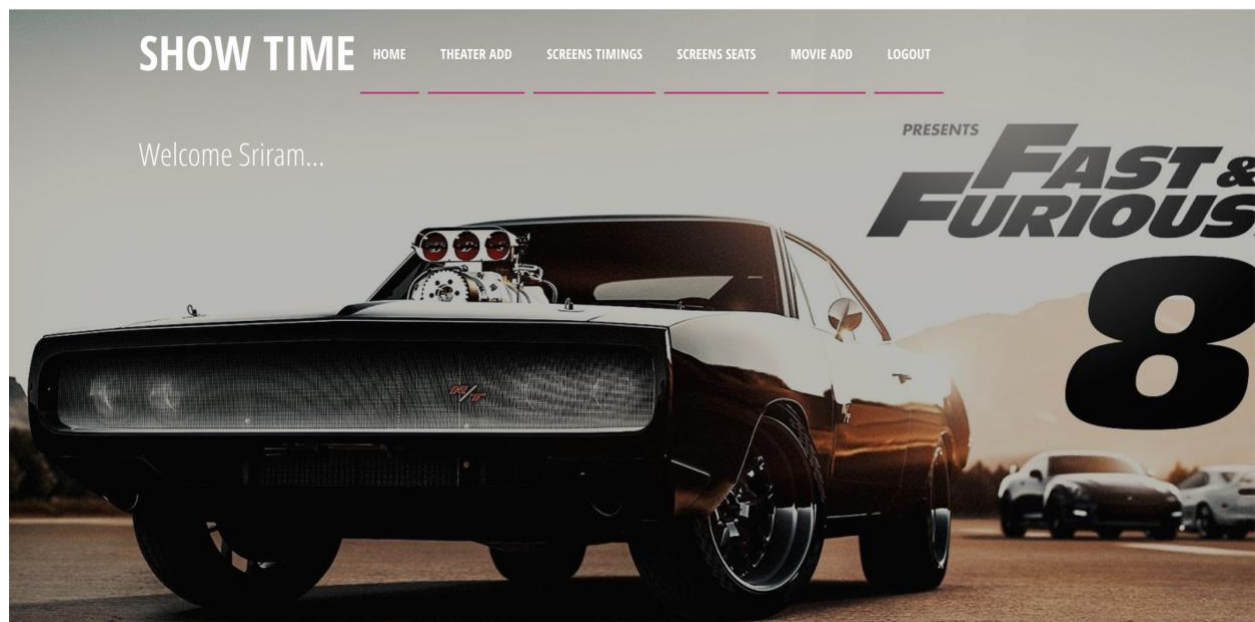


ADMIN & MANAGER Functions:

Admin can login to application and login credentials are provided through DB



Homepage:



Theater Registration:

Admin can Add the theater as below providing the screens

SHOW TIME

HOME

THEATER ADD

SCREENS TIMINGS

SCREENS SEATS

MOVIE ADD

LOGOUT

Theater Registration

Alamo DraftHouse

Multiplex

3

8166058945

alamo@downtownkc.com

Kansas City

Downtown,KC

Place Map Address

Next >>

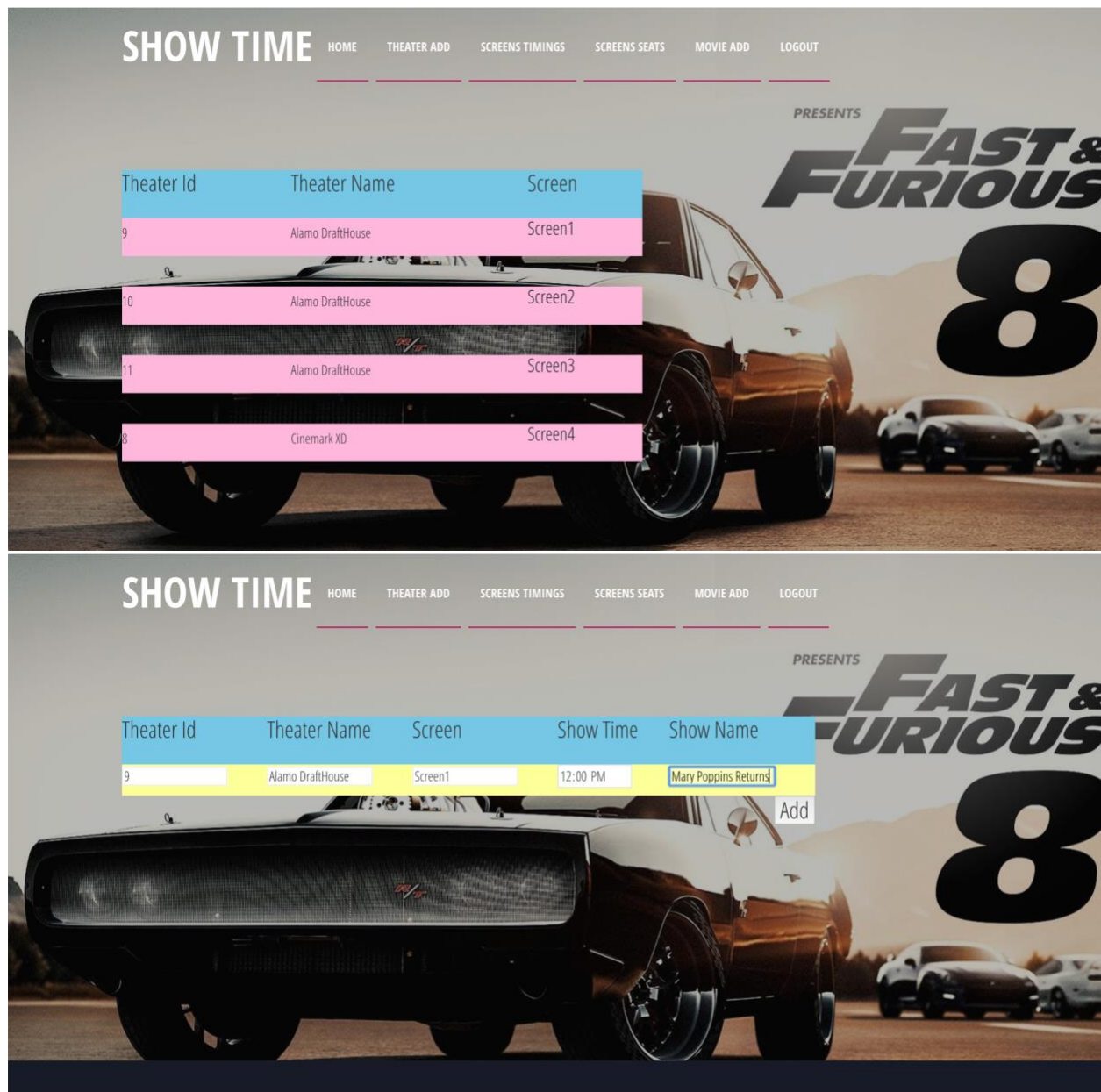
PRESENTS

FAST & FURIOUS

8

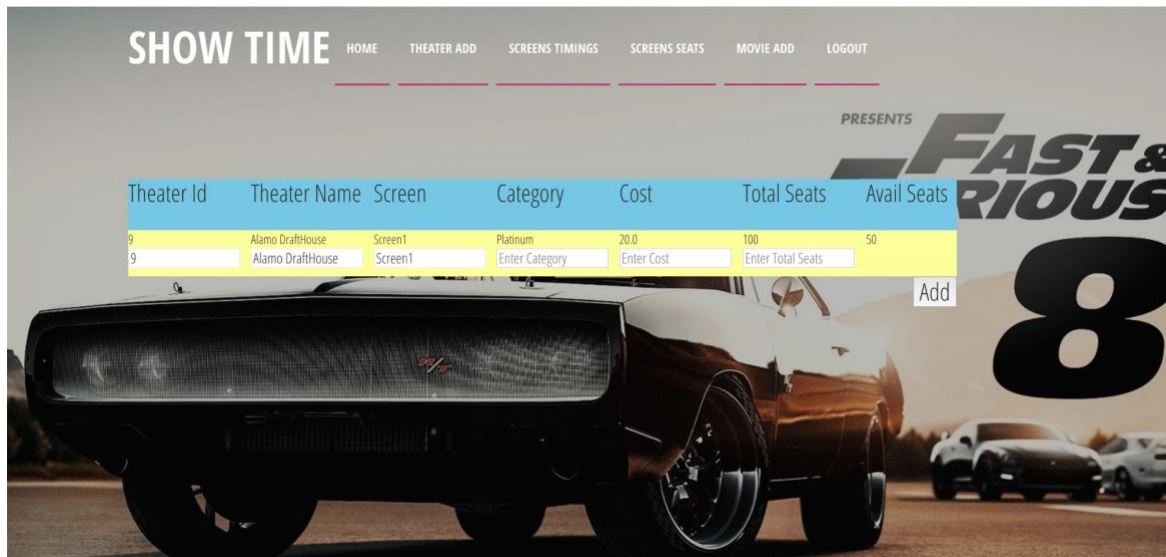
Add Shows for Theaters:

Along the theaters, Admin adds the shows in the screens.



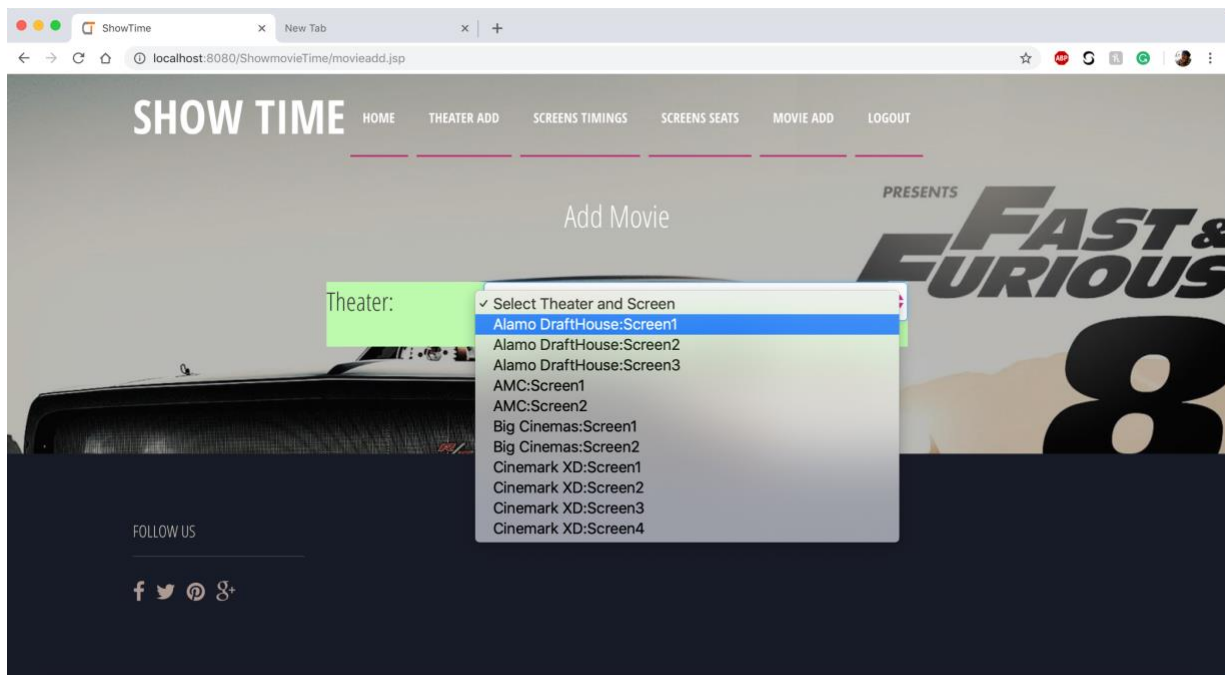
Adding Seats types and total Seats:

Admin can add the seats based on the price category. In the application, we had Platinum and Gold class ticket with different prices.



Add Movie to the Theater:

Admin can add the movies to the theaters.



Admin Should provide all the Details of the movie and provide the poster of movie.

ShowTime x New Tab x +

localhost:8080/ShowmovieTime/movieadd.jsp?y=9

Add Movie

THEATER PRESENTS **FAST & FURIOUS 8**

Theater: Alamo DraftHouse:Screen1

TheaterID: 9

Theater Name: Alamo DraftHouse

Screen: Screen1

Shows: ☒ 12:00: Mary Poppins Returns


Movie Name: Mary Poppins Returns

Image: Choose File mary-poppins-2018.jpg

Start Date: 12/03/2018


Added Movie Appearing for User:

Screen2




Aquaman

Big Cinemas
Screen2




Aquaman

Big Cinemas
Screen2




Mary Poppins Returns

Alamo DraftHouse
Screen1



Aquaman

Big Cinemas
Screen2



Aquaman

Big Cinemas
Screen2

FOLLOW US

Team members roles:

- **FRONTEND:** JAVA, JSP, HTML (Lakshmi Vyshnavi Perla-20%, Satya Venkata Ranga Janaki Sriram Mentey-20%)
- **BACKEND:** SQL DATABASE, JDBC- DATABASE CONNECTIVITY (Santosh Gandhi Diddi-20% , Karthik Gundlapalli-20% , Rohith Kumar Manduva-20%)

Code:

https://drive.google.com/open?id=1C2ZX41Obmd_07XV57Ow9w3259D9r6gps