# Presentation on "Movie Ticket Booking System"

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#### Problem Statement:

The traditional way of booking the ticket for the movie is the customer need to go to the specific theatre where the desired movie was playing and need to stand in queue and buy the ticket for the movie this will become more difficult for a person in order to overcome this problem.

The project gives real life understanding of online movie ticket booking system and activities performed by various roles in the supply chain. Here we provide automation for movie ticket booking system through internet. Online movie ticket booking system project captures activities performed by different roles in real life ticket booking which provides enhanced techniques for maintaining the required information up to date, which results in efficiency.

#### Motivation:

The main motivation for the "Movie Ticket Booking System is to reach people in a new level of internet which is proved to be very useful for the customers.

#### Purpose:

The purpose of this project is as follow:

- 1. To maintain data of the movies in different theatres along with the showtime.
- 2. To assist an interested customer on the availability, time of Show, price of the ticket and to book their favorite movie.

#### Scope:

- 1. This is a web application for buying movie tickets online. Customers can buy tickets 24\*7.
- 2. This System is developed keeping in view of the current multiplex working pattern.

  Schedule for many screens can be programmed in this application.
- 3. Customers can choose city and name of theatre where they want to see movie and get their movie timings.
- 4. Customers can see a graphical view of seat availability and choose their desired seat.
- 5. They can pay ticket amount online.

# System Requirements:

- Hardware Specifications:
- 1. M Processor i3
- 2. Hard Disk 20GB
- 3. Memory 4GB RAM

- Software Specifications:
- 1. Operating System Windows 10
- 2. Database Server MySQL Server
- 3. IDE Intellij IDEA
- 4. FrontEnd IDE VS Code

# • Coding:

In this project, we develops the code using following software languages:

- 1. Html, CSS, React JS
- 2. Java, Advance Java
- 3. DBMS(MySQL)

# Different Modules Of Project:

- 1. Login Page:
- This will have three types of Login facilities namely Admin, Vendor and Users.
- The Login part consists of user Id and Password.

- 2. Website Pages:
- Cities, all cities are shown.
- Theatre, theatres in a particular city are shown.
- Movies, movies available in a particular theatre are shown.
- Shows, shows available for a particular movie are shown.
- Seats, Seats available for a particular show are shown.
- Profile, customer profile(with tickets related to the customer) and vendor profile(with theatres related to vendor).

# Different Modules of Project:

- 3. Forms:
- Registration Form: Customer registration and vendor registration.
- Vendor Add: Admin can add Vendor.
- City Add/Update: Admin can add/update city.
- Theatre Add/Update: Vendor can add/update theatre.
- Movie Add/Update: Vendor can add/update movie.
- Show Add/Update: Vendor can add/update show.
- 4. Customer can only book the show and cancel the show.

# Learning During The Project:

While doing the project, each of us learnt the key functionalities of different technologies.

- We have learnt how to build a full stack application using Spring boot + React, and how the components of the Presentation, Service and the DAO layers communicate with each other to provide the required outcome.
- In spring boot we learnt about how to divide the project in three sub division (Model View Controller - MVC) mainly Presentation, Service and the DAO Layers make the model more interactive and efficient.
- We also learnt the usage of various annotations which is used in class-level, method-level as well as the variable-level.
- We also learnt about how to use the features of JPA as a repository to manage the data between the java objects/classes and the RDBMS(MySQL).
- We also learnt about the MySQL which acts as the database storage management in our web application. We learnt how to perform the basic crud operations using the Spring boot(JPA) and RDBMS.
- As our Frontend is React, we first made basic POC on how to connect the backend components with the frontend components.

# Learning During The Project:

- Further which we learnt advanced feature on how to reuse certain components for all the operations which helps in making the code more efficient.
- The sources that were used for learning was the official documentations of the various technologies used, Youtube tutorials and also Stack Overflow.

#### Conclusion:

ONLINE MOVIE TICKET BOOKING is the ticket booking service that allows the customers to book the movie tickets on the computerized networks such as internet through secure website with a particular movie booking system, which has resulted from the blossoming Internet technology, obviously has many benefits for the user by getting the entertainment without wasting the time by standing in queue for hours and hours.

# THANKYOU