

Write-Up:Simplilearn Capstone Project (MyMoviePlan)

Developed by: - JYOTI NANDINI

Project outline: -

NMS Cinemas is a chain of single screen theatres that screen movie shows of different genres and languages at very genuine prices. It was established in 2004 in Pune, India. Recently, the business analysts noticed a decline in sales since 2010. They found out that the online booking of movie tickets from apps, such as Book My Show and Paytm were gaining more profit by eliminating middlemen from the equation. As a result, the team decided to hire a Full Stack developer to develop an online movie ticket booking web application with a rich and user-friendly interface. You are hired as the Full Stack Java developer and are asked to develop the web application. HTML, Bootstrap, JavaScript with angular and CSS is used for Front-End. Mysql, springboot Database is used for backend management of data.

Application capabilities: -

Product Features:

1. Medicare application is made specifically to the required business needs. It is completely flexible and scalable to the business demands and growth.
2. The whole application is a Single Page Application that is more efficient in terms of processing and provides a seamless user experience.
3. The application web pages are responsive and secure.
4. The application has one Administrator. The Admin Portal features are:
 - The admin can login with username and password in admin portal.
 - The admin can add or remove movie details.
 - Edit movie details like name, ticket price, language, description, and show timings to keep it aligned to the current prices
 - Enable or disable the movies.
5. The application has a User portal. The User Portal features are:
 - Sign up and login with username and password.
 - The User can maintain the record of activities.
 - Search for movies based on the search keyword.

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- Apply filters and sort result based on different categories.
- Add the new movies to cart and customize the purchase at the end.
- Experience a seamless payment experience.
- Receive an movie confirm booked shows summary once the payment is successful.

Project development model:

we have used Agile Project Management approach, with 3 sprints. The duration of each sprint is (1 weeks). The total delivery time would be (3 weeks).

Set Up and Installation (Angular): -

To run the code, System must be equipped with following.

1. HTML5
2. CSS3
3. Bootstrap5
4. VSCode(Editor)
5. JavaScript
6. ng server
7. json
8. Git

Angular Front-End

9. MySQL

Database Management

10. SpringBoot

Backend Management

Source code management and version control:-

As agreed, we use (Set up) Git and GitHub account to store and track enhancements of the prototype.

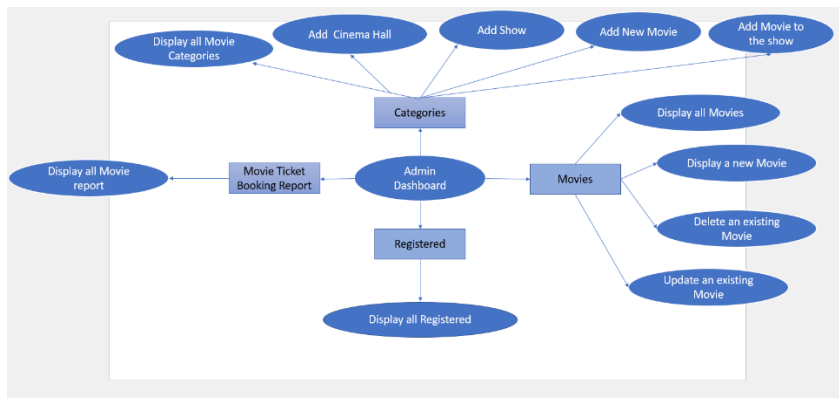
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The flow and features of the application:

Flowchart:

Admin:



User:

