

Project: **MyMoviePlan Project**

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GitHub Links :[SwatiJajoriya/MyMoviePlan-FE \(github.com\)](https://github.com/SwatiJajoriya/MyMoviePlan-FE), [SwatiJajoriya/MyMoviePlan-BE \(github.com\)](https://github.com/SwatiJajoriya/MyMoviePlan-BE)

Project Description:

Created a dynamic and responsive web application for booking movie tickets online for different genres and languages.

As the management provided us with the requirements and their business model, we have designed the application with different components also to keep in mind that it should be Responsive and compatible with different devices.

We have integrated the following features into the Website:

- User Registration
- Admin/User Login
- Payment gateway
- Admin/User Searching
- Admin/User Filtering
- Admin/User Sorting
- Dynamic data
- Responsive and compatible with different devices

Admin Portal: It deals with all the backend data generation and product information. The admin would be able to:

- Add or remove different genres to or from the application to build a rich product line
- Edit movie details like name, ticket price, language, description, and show timings to keep it aligned to the current prices
- Enable or disable the movie shows from the application
- Admin login page
- List of Movies available for the User which are currently running.
- Admin and User both will be able to Search, Filter or can Sort the Movies as per their requirements.
- Admin can Add Movies, Genres and Languages details from the application to build a rich product line.
- Admin can Edit Movies details like name, price to keep the cinema environment updated with the current releasing movies.

User Portal: It deals with the user activities. The end-user would be able to:

- Sign-in to the application.
- Search for movie tickets based on the search keyword
- Apply filters and sort results based on different genres
- Add all the selected movie tickets to a cart and customize the purchase at the end.
- Experience a seamless payment process.

Technology Used:

Back End: Java programming, Spring MVC Framework, Spring Restful
– POSTMAN, JPA

ORM-Hibernate

Front End: Angular, Bootstrap, CSS and JavaScript

Database management: MySQL

Server: Tomcat Server

SPRINT Planning:

Understand the problem statement of the project.

Creating Spring Starter Project.

Adding necessary dependencies in pom.xml file.

Creating Rest Controller, Service, Repository Interface as well as Entity Packages and Classes needed for Back End testing in POSTMAN.

Creating Spring MVC Controller, Service, Repository Interface as well as Entity Packages needed for working with JSP Pages.

Writing JPA-Hibernate template to connect with the database MySQL.

For the Front end, used JSP along with Html, CSS and Bootstrap for the designing.

Tested at each module for different user inputs.

Initializing the git repository.

Pushing the code to the GitHub

Created the Specification document for showing the application capabilities, appearance and the user interactions.

