My Movie Plan

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# Version History:

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| --- | --- |
| Developer | Swathi Suheal J I |
| Purpose | Application overview |
| Date | 10th February 2022 |
| Version | 1.0 |

# Project Git Hub Link:

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| Repository Name: CapstoneProject |
| GIT HUB Link: https://github.com/SwathiJI/CapstoneProject |

# Description:

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

# Features of the application:

1. Registration
2. Login
3. Payment gateway
4. Searching
5. Filtering
6. Sorting
7. Dynamic data
8. Responsive and compatible with different devices

# Technologies utilized:

1. Database management: MySQL and Oracle
2. Backend logic: Java programming, NodeJS
3. Frontend development: JSP, Angular, Bootstrap, HTML/CSS, and Javascript
4. Automation and testing technologies: Selenium, Jasmine, and TestNG
5. DevOps and production technologies: Git, GitHub, Jenkins, Docker, Kubernetes, and AWS

# Admin Portal:

It deals with all the backend data generation and product information. The admin user can manage the following functions:

* 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

# User Portal:

It deals with the user activities. The end-user can do:

* Sign-in to the application to maintain a record of activities
* 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
* Receive a booking summary page once the payment is complete