**PHASE-5 CAPSTONE PROJECT- MyMoviePlan**

**Project Objective & Background:**

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.

**Github link:**

**Product Features:**

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

**Core Concepts Used and Project Architecture:**

* Angular framework for frontend UI’s.
* Spring boot framework for backend .
* MySQL Database for storing all the data.
* HTML, Bootstrap 4.
* Typescript.
* Spring Security and JWT Authentication.
* Spring Data Jpa, Spring Web.

**Admin Portal:**

It deals with all the backend data generation and product information. The admin user should 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

**User Portal:**

It deals with the user activities. The end-user should be able to:

* 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

**Admin Details:** Username: 12345

Password: 12345