***MyMoviePlan***

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**Development Man-days:** 20

**Document Submission Date:** 16-07-2021

**Git Hub Link :** <https://github.com/ajunumasa/MyMoviePlan-Capstone>

**Database link** : <https://github.com/ajunumasa/MyMoviePlan-Capstone/tree/main/Database>

**Project Details**

**Project Name**: MyMoviePlan

**Project Description:** Create a dynamic and responsive web application for booking movie tickets online for different genres and languages.

**Language used :** java

**Database used** : MySQL

**Framework :** spring boot, Hibernate, Angular.

**Tool used :** Spring Tool Suite 4 as code editor and MySQL workbench.

**Backend logic** : Java programming, NodeJS

**Frontend development** : JSP, Angular, Bootstrap, HTML/CSS, and Javascript

**Automation and testing technologies** : Selenium, Jasmine, and TestNG

**DevOps and production technologies** : Git, GitHub, Jenkins, Docker, Kubernetes, and AWS

**Methodology :** Agile Scrum Methodology

**Sprint required** : 4 sprints of 7 days each

**Introduction**

MoviePlanner is a movie booking portal that helps people choose & book movie and seats directly from the website according to their comfort.

This document describes the implementation of MoviePlanner and how its users can interact with the application.

**Objectives**

The objective of this document is to describe how the solution of MoviePlanner will interact with User.

This document also provides information on end-to-end workflow so that business users can understand the features and functionalities of the MoviePlanner an online Movie Booking portal for Sport Shoes.

The workflow mainly involves the following important aspects-

**For Users-**

1. A login page for user that helps in maintaining privacy of the user and helps in keeping privacy what user books and what seats user choose.
2. A homepage that allows user to choose the movie user likes to watch in accordance to his/her preferences.
3. Based on user preference user can select Time and Date.
4. Once user decided what he/she wants to purchase can check out through a secure gateway.
5. If he/she is not a user they will be taken to the registration page.
6. On completion of the payment, they are shown a page with the details of the movie and theatre they have booked.

**For Admin-**

Admin can only login but can’t create any account. New account can be created from backend only.

Admin can add movie that theatre wants to sell on the portal.

Admin can Categorize each product on the portal like action, thriller, drama shoe etc.

Admin can add theatre.

**Technical Aspects:**

Language used – java

Framework- spring boot, Hibernate, Angular.

Database used MySQL.

Tool used: - Spring Tool Suite 4 as code editor and MySQL workbench.

**Duration of Sprints required:**

I have divided this application in 4 sprints of 7 days each. In first sprit, I made a plan to how to create the application, the next sprint I developed the application code for Backend and in next sprint I write code for Admin part and creation of database in workbench and created Front-end and other design aspects on the last sprint I tested whole the Application and made the documentation.

**Flow Chart for User:**

**Start**

Welcome Page

Already have an account?

**No**

Sign Up

**Yes**

**Stop**

Make Payment and checkout

Booking Details

Select the theater seats

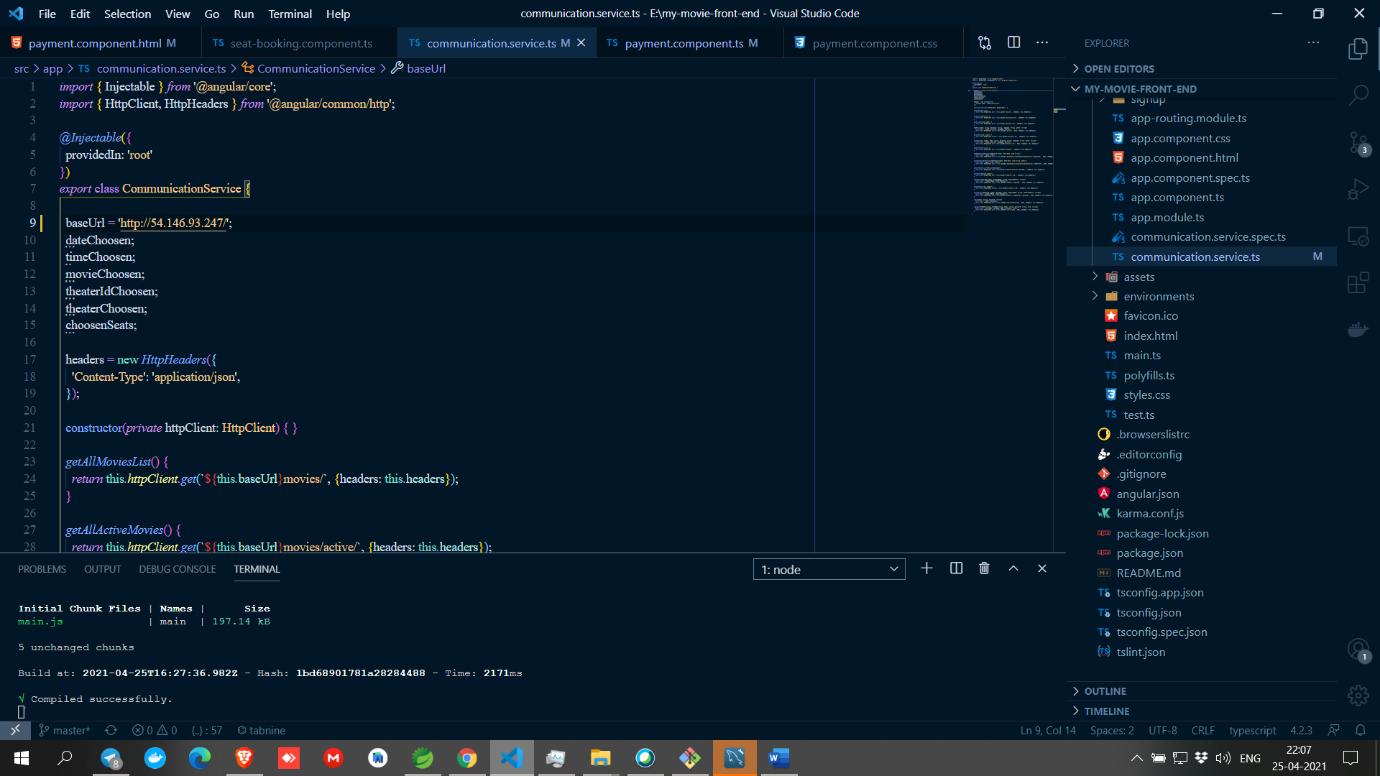
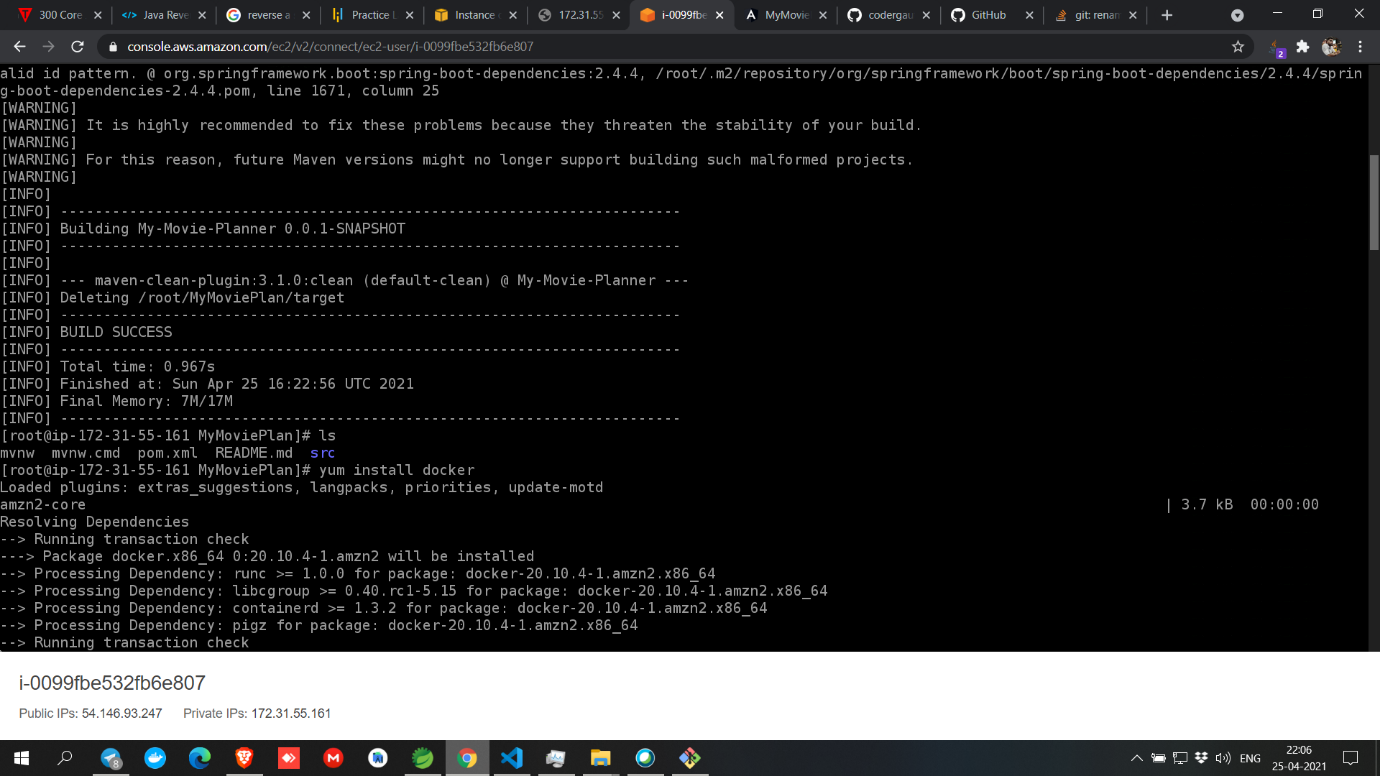
Select the theater name and timing

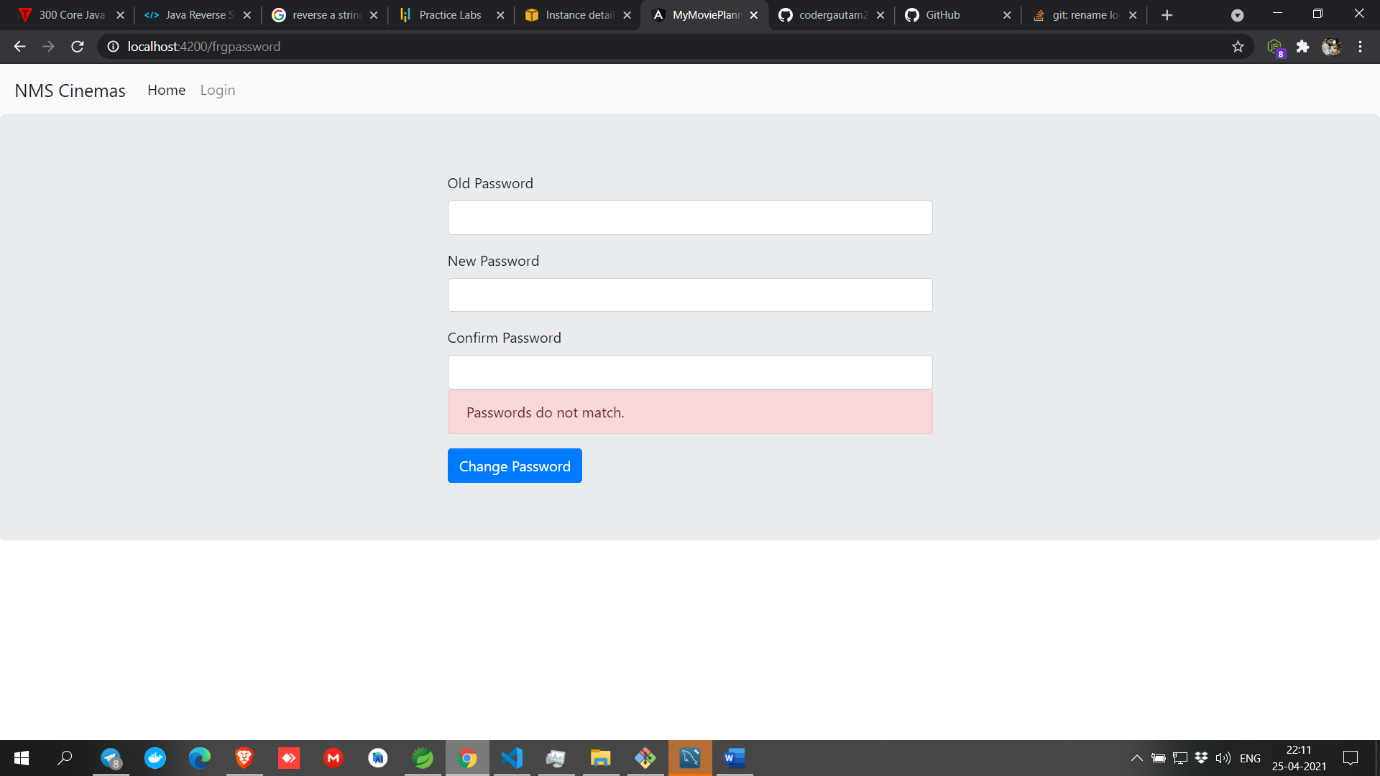
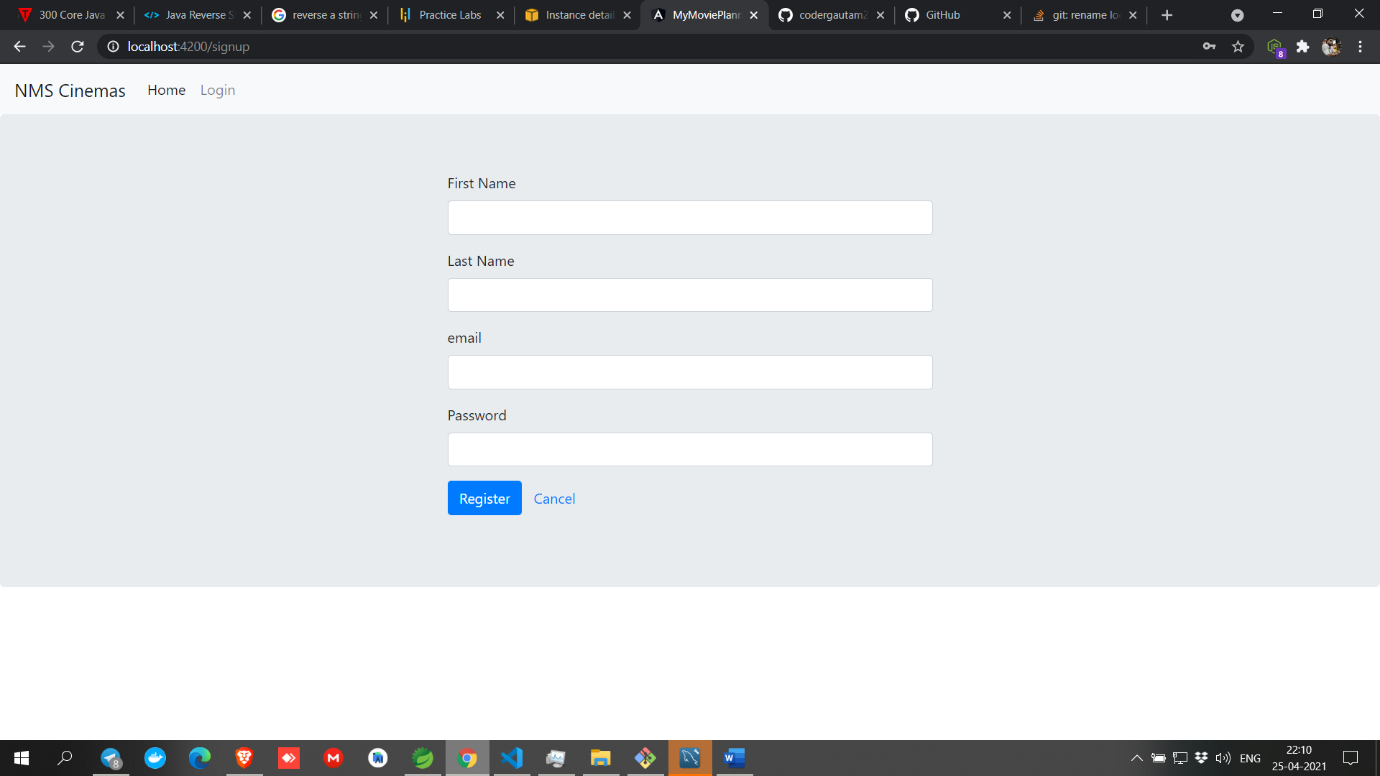
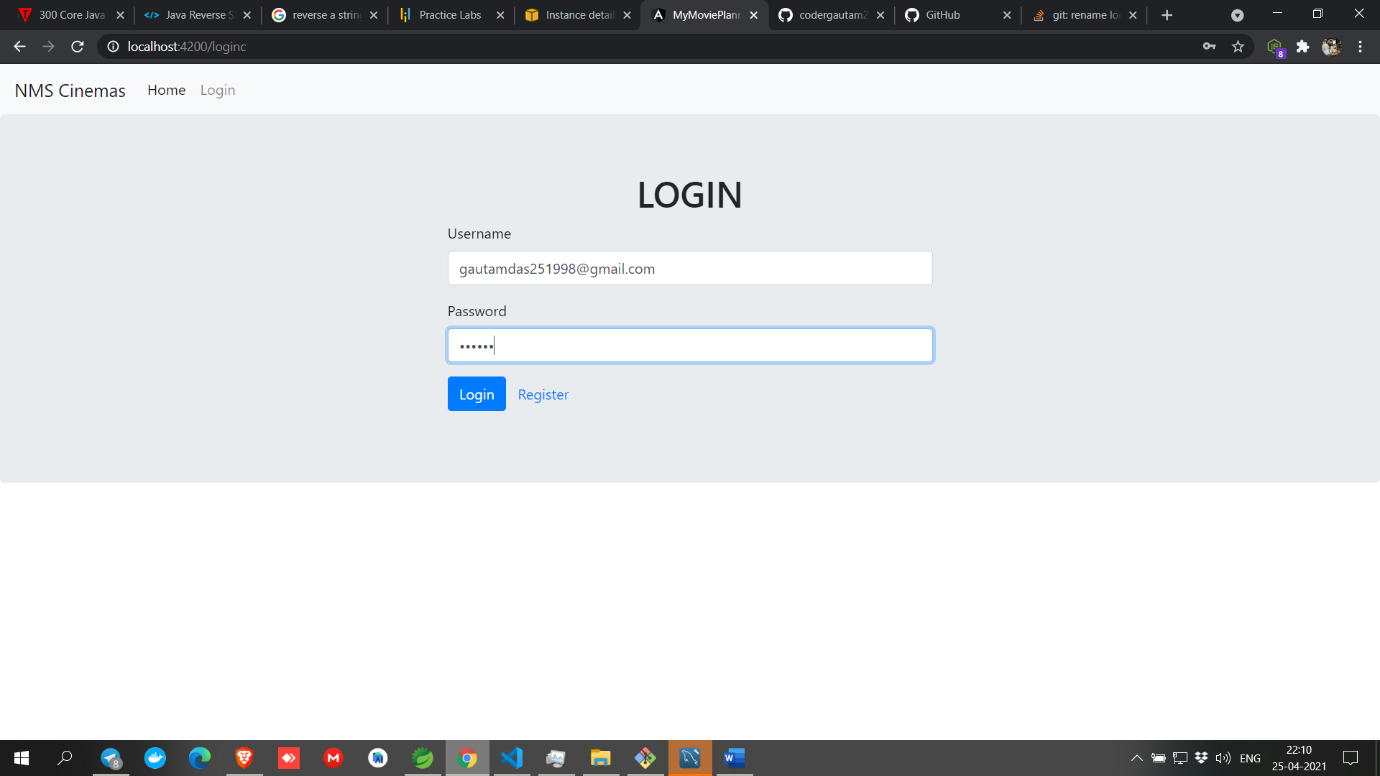
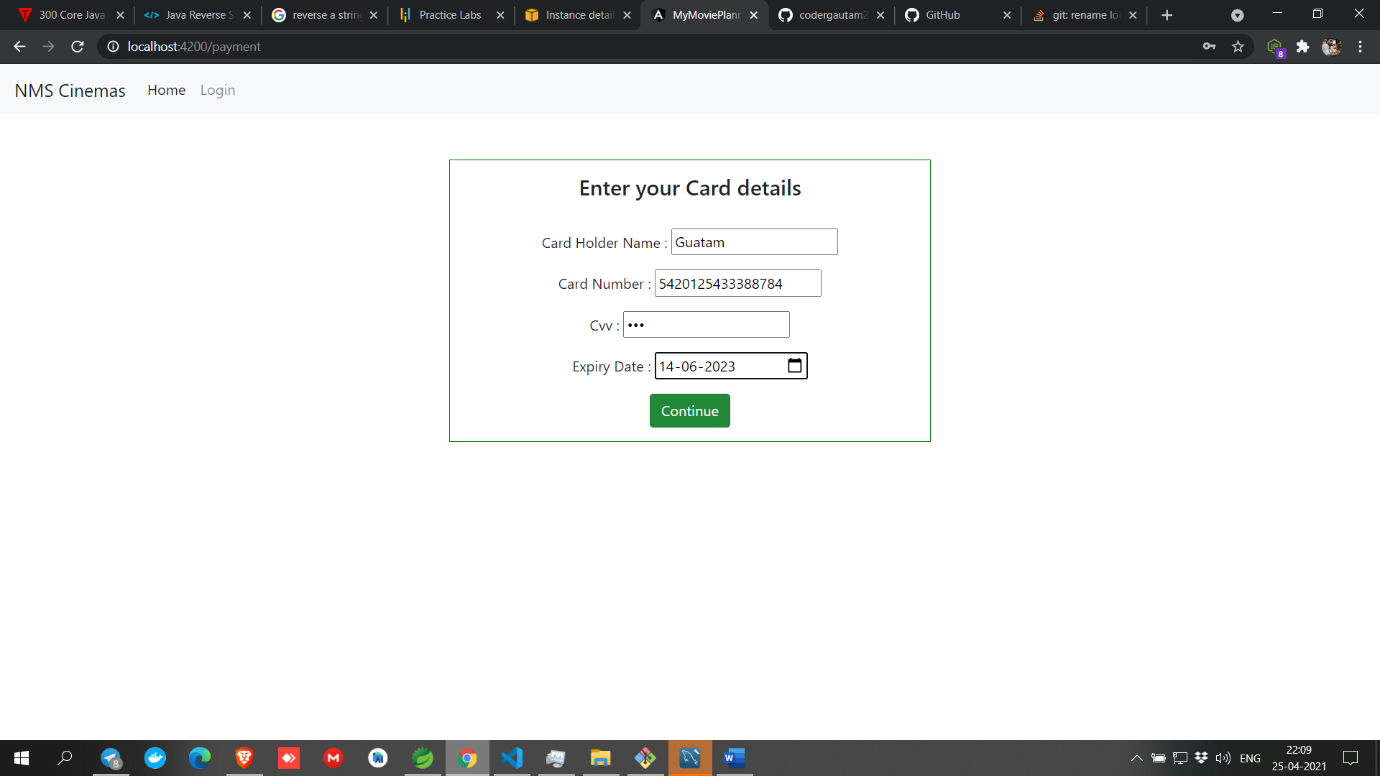
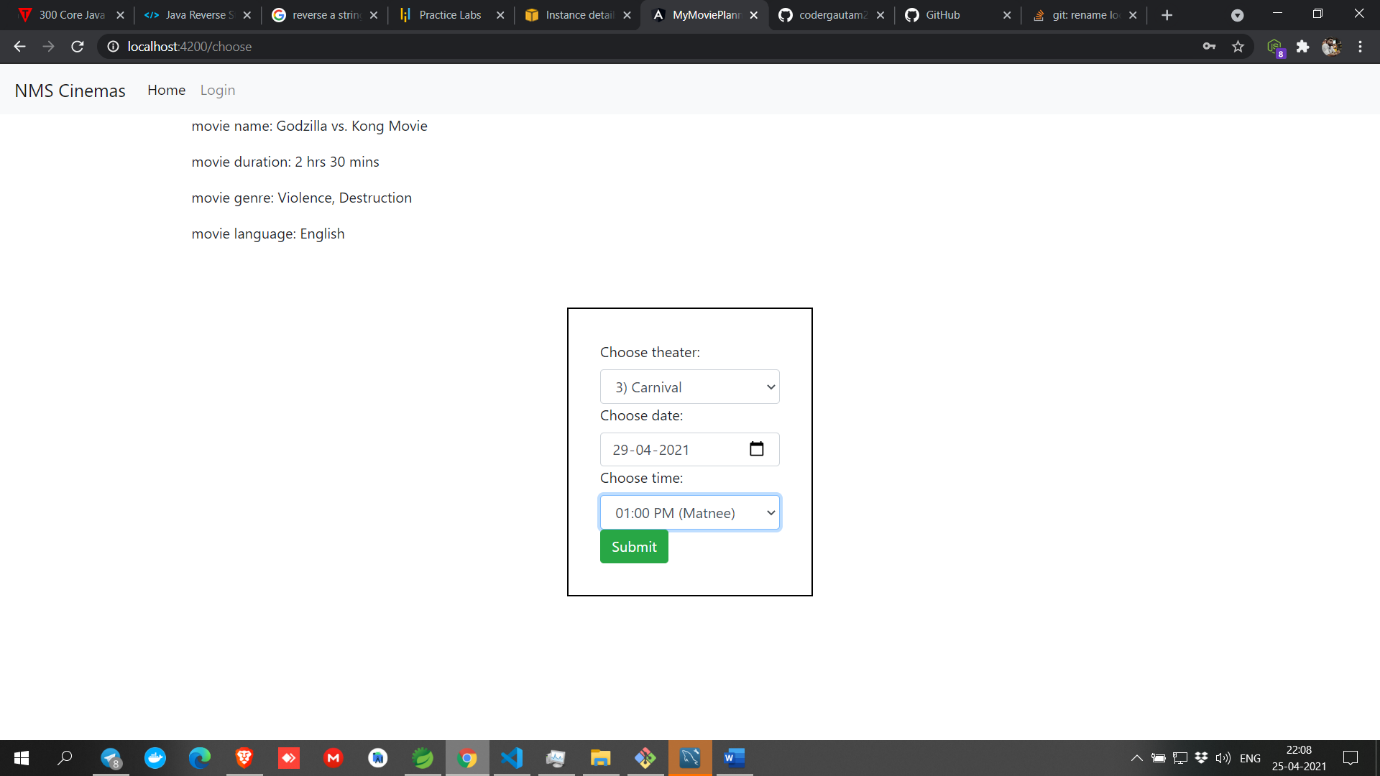
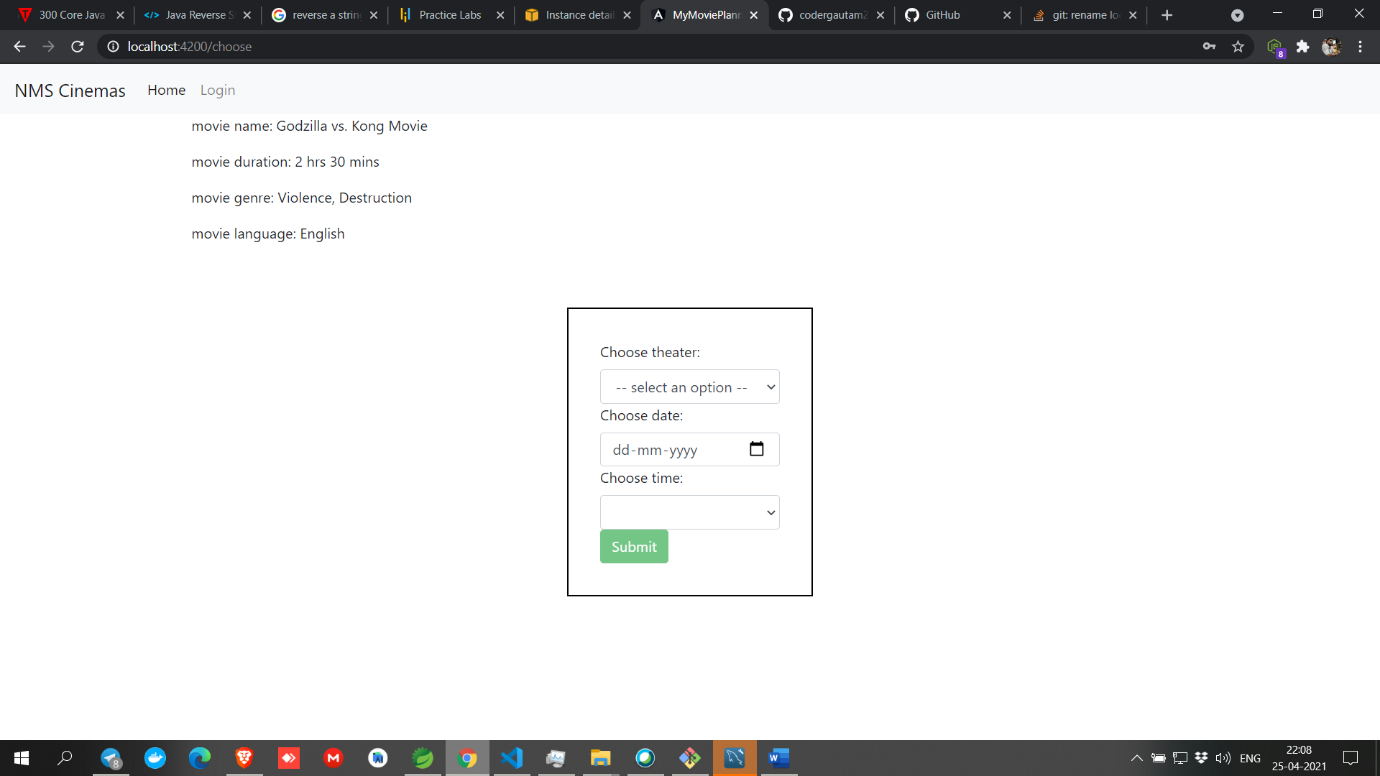
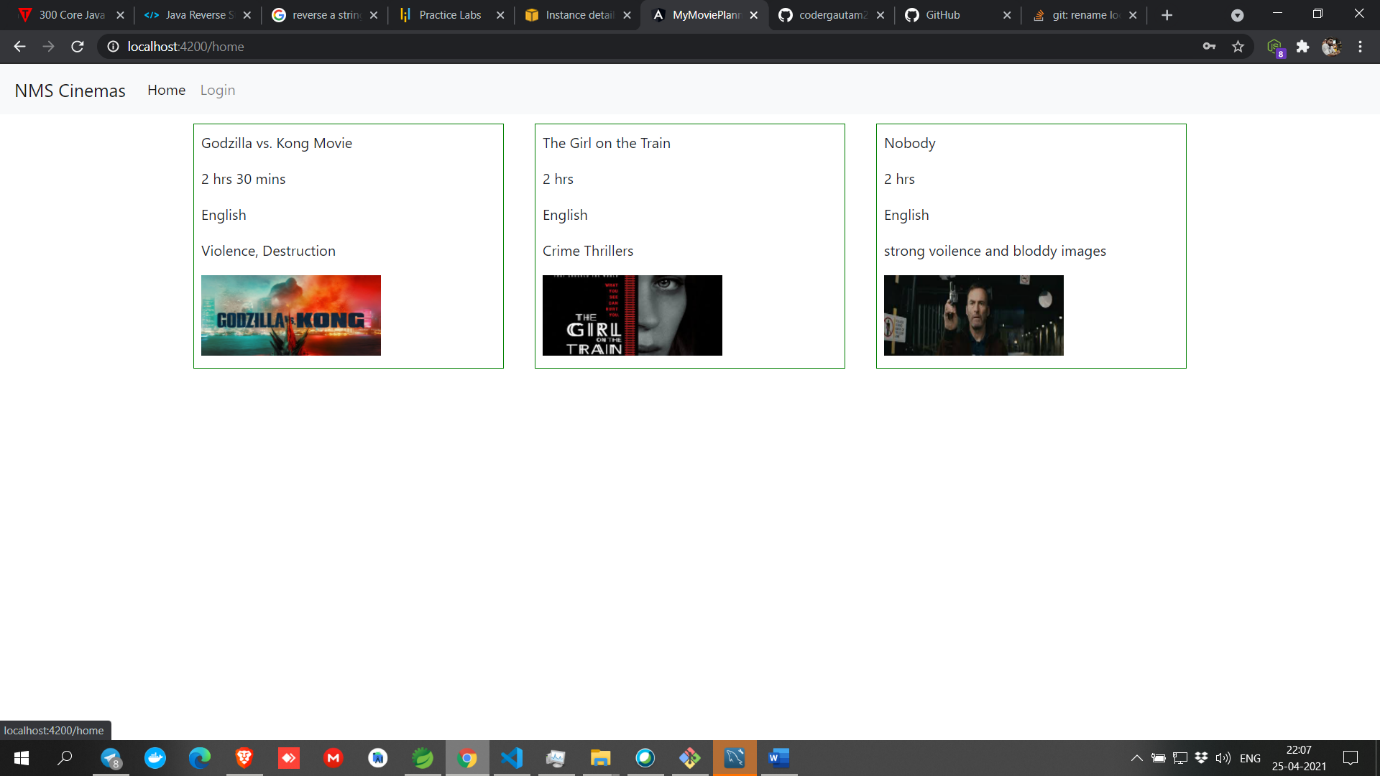
Select the movie

Home Page

Login

**Screenshots of the project:**

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