

NMS-Cinemas

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Description of the project

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

Background of the problem statement:

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 BookMyShow 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. The management team has provided you with the requirements and their business model so that you can easily arrange different components of the application.

Core concepts used in the Project

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

Sprints planning and Task completion

The project is planned to be completed in 3 sprint. Tasks assumed to be completed in the sprint are:

- Creating the flow of the application
- Initialising git repository to track changes as development progresses.
- Writing the html pages and javascript program to fulfil the requirements of the project.
- Testing the pageswith different kinds of User input
- Pushing code to GitHub.
- Creating this specification document highlighting application capabilities, appearance, and user interactions

All code for this project can be found at the following link:

<https://github.com/sruthisree001/NMS-cinemas.git>

Home page

File | /Users/sruthisree/Documents/workspace-spring-tool-suite-4-4.16.1.RELEASE/NMS%20cinemas/src/main/webapp/index.html#contact

NMS Cinemas Home News Contact search  Login/Signup

NEW RELEASE

Adipurush
directed by Om Raut
 4/5
Action Fantasy

Intinti Ramayanam
directed by P. Sambasiva Rao
 4/5
Family Drama

Mem Famous
directed by Sumanth Prabhas
 4/5
Comedy Drama

Pareshan
directed by Rupak Ronaldson
 2/5
Comedy Drama

Virupaksha
directed by 4.5/5
Fantasy Action

[Book Now](#)
Mysterious deaths occur in a village due to an unknown person's occult practises. The whole town is afraid, and the problems continue as they search for the one responsible.

What The F
directed by Gur 4/5
Comedy Sci-Fi

[cast](#)

English COLLCETION

File | /Users/sruthisree/Documents/workspace-spring-tool-suite-4-4.16.1.RELEASE/NMS%20cinemas/src/main/webapp/index.html#

NMS Cinemas Home News Contact search  Login/Signup

Avatar: The Way Of Water
directed by James Cameron
 4/5
Action sci-fi Fantasy

Tom And Jerry
directed by Tim Story
 3.5/5
Fantasy Comedy

Doss Level
directed by Joe Carnahan
 3/5
Fantasy Action

Godzilla vs. Kong
directed by Adam Wingard
 4/5
Action Sci-Fi

Zack Snyder's Justice League
directed by Zack Snyder
 4.5/5
Fantasy Action

Coming 2 America
directed by Craig 4/5
Comedy

TAMIL COLLCETION

Ponniyin Selvan: II
directed by Mani Ratnam
 3/5
Drama

Vaathi
Directed by Venky Atluri
 4/5
Action Drama

Agilan
directed by P Krishnamoorthy
 3/5
Thriller

Pathu Thala (தல)
directed by Krishna
 3/5

Viduthalai Part 1 (விடுதலை பாகம் '1)
directed by Vetrimaanar
 3/5
Action

[Book Now](#)

Viduthalai Part 1 is a 2023 Indian Tamil-language period crime thriller film written and directed by Vetrimaanar, and produced by Ered Kumar under the banners of RS

Run Baby Run
directed by Jiyen Krishnakumar
 3/5
Actionthriller

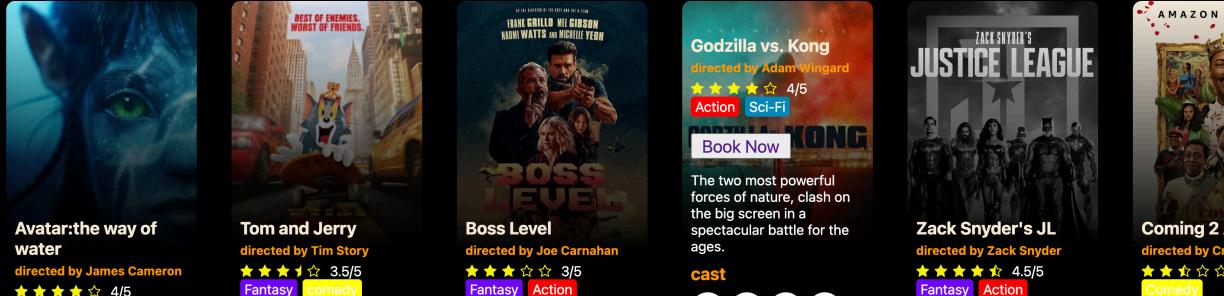
UPCMING MOVIES

Another section

File | /Users/sruthisree/Downloads/workspace-spring-tool-suite-4-4.16.1.RELEASE/NMS%20cinemas/src/main/webapp/index.html#contact

NMS Cinemas Home News Contact search  Login/Signup

English COLLECTION



Avatar:the way of water
directed by James Cameron
★★★★☆ 4/5
Action sci-fi Fantasy

Tom and Jerry
directed by Tim Story
★★★☆☆ 3.5/5
Fantasy comedy

Boss Level
directed by Joe Carnahan
★★★★☆ 3/5
Fantasy Action

Godzilla vs. Kong
directed by Adam Wingard
★★★★☆ 4/5
Action Sci-Fi

Zack Snyder's JUSTICE LEAGUE
The two most powerful forces of nature, clash on the big screen in a spectacular battle for the ages.
cast
Millie, Alex, Julia, Kyle

Coming 2 A
directed by Cra
★★★★☆ 4.5/5
Fantasy Action

TAMIL COLLECTION



Loginpage

File | /Users/sruthisree/Downloads/workspace-spring-tool-suite-4-4.16.1.RELEASE/NMS%20cinemas/src/main/webapp/loginsignup.html

NMS Cinemas Home News Contact search  Login/Signup

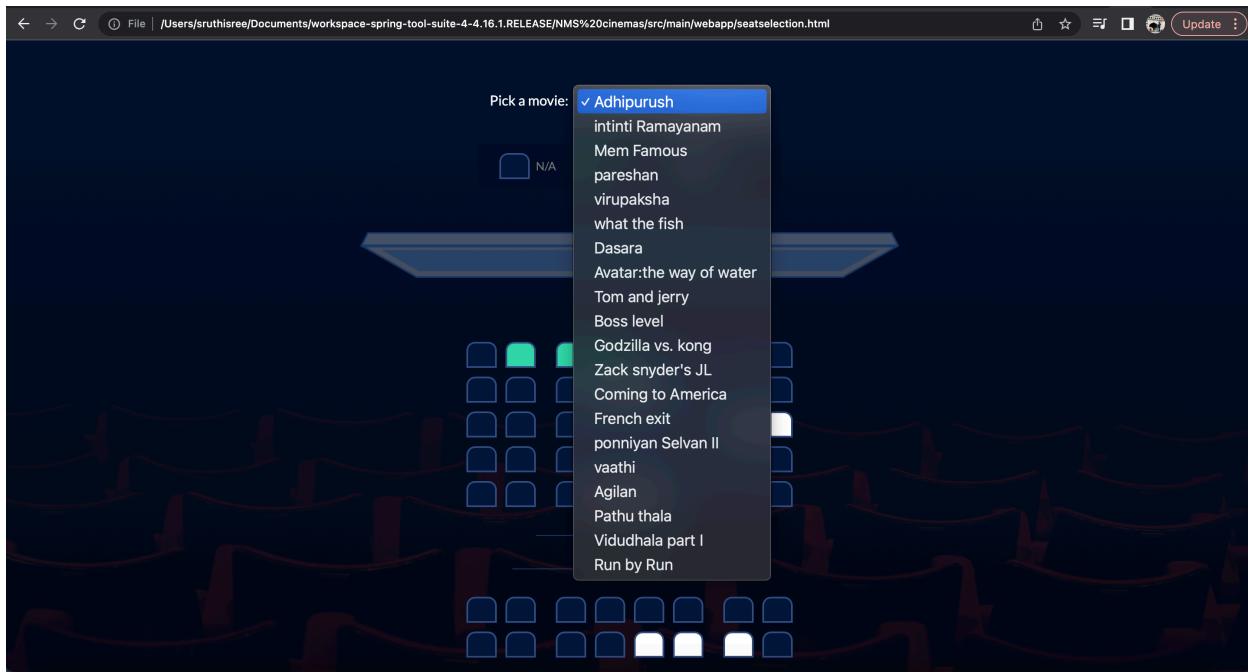
LOG IN



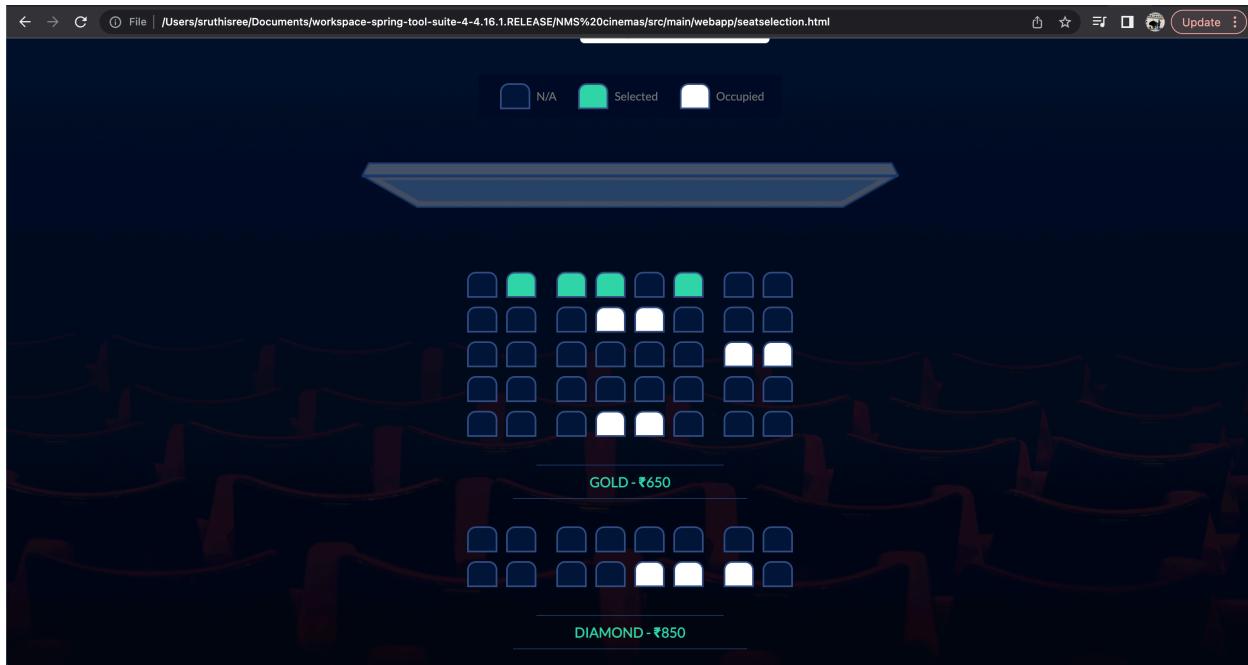


Forgot your password?
Don't have an account? [Sign Up](#)

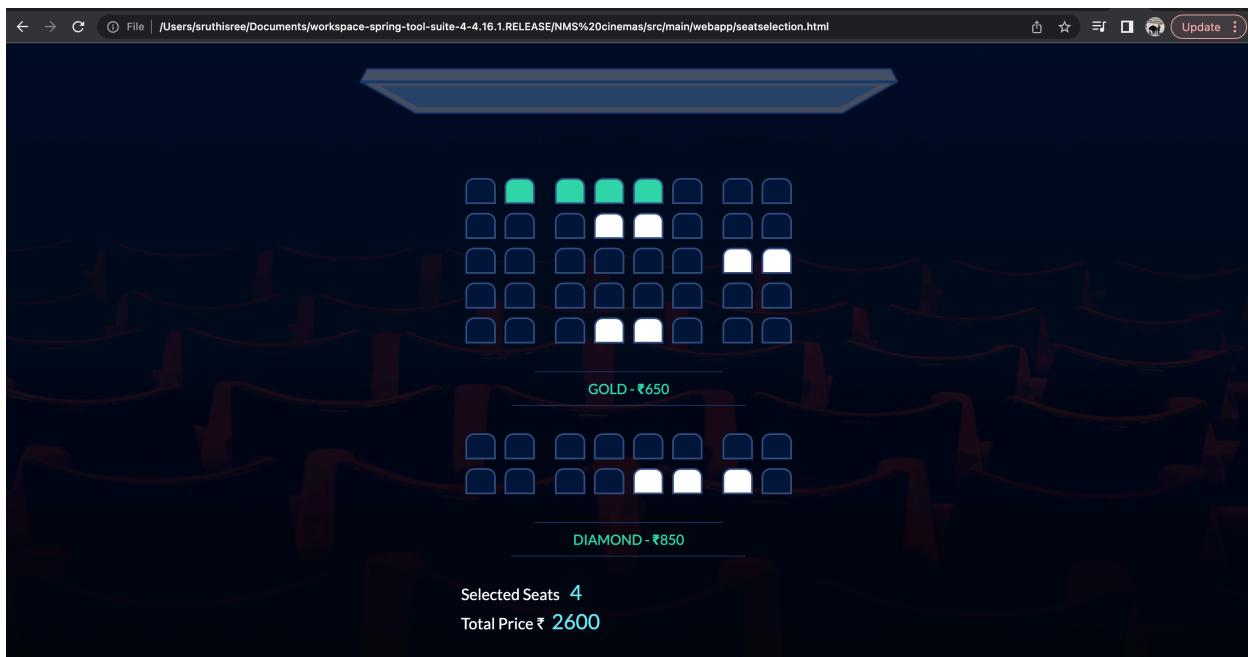
Ticket booking :selecting the movie name



Seat selection



Price based on number of seats



Payment options

The screenshot shows a theater seating arrangement with two distinct sections. The top section is labeled 'GOLD - ₹650' and contains four white seats. The bottom section is labeled 'DIAMOND - ₹850' and contains three white seats. The rest of the seats in both sections are blue. At the bottom left, it says 'Selected Seats 3' and 'Total Price ₹ 1950'. Below this, there are two columns: 'Billing Address' and 'Payment'. The 'Billing Address' column contains fields for Full Name (sruthi), Email (sruthisreeyengalla@gm...), Address (hyderabad), City (hyderabad), State (telangana), Zip (000000), and a checkbox for 'Shipping address same as billing' (checked). The 'Payment' column contains fields for Accepted Cards, Name on Card (sree), Credit card number (1234-2345-3456-4567), Exp Month (jan), Exp Year (2025), CVV (999), and a 'Continue to checkout' button. A 'Book Now' button is at the bottom center, and a 'WhatsApp' icon is in the bottom right corner.



Successful payment page

The screenshot shows a web browser window displaying a payment confirmation page. The title bar indicates the file path: /Users/sruthisree/Documents/workspace-spring-tool-suite-4-4.16.1.RELEASE/NMS%20cinemas/src/main/webapp/payment.html. The page header includes the NMS Cinemas logo and navigation links for Home, News, Contact, and a search bar. The main content area features a large message: "YOUR ticket HAS BEEN BOOKED" in bold capital letters, followed by "Thank you for your payment" and "Your order # is: 100000023". Below this, a note states: "You will receive an order confirmation email with details of your order and a link to track your process." A prominent orange "CONTINUE" button is centered at the bottom of the message box. The browser's toolbar and a Mac OS X dock with various application icons are visible at the bottom of the screen.