**TITILE**: **ONLINE TICKET BOOKING SYSTEM**

**Project Description:**

To create a web application resembling AMB, allowing users to browse and book tickets for movies, Sports, events

**Features:**

**1) Movie Listings Page:**

**.** Display a list of available movies with their titles, descriptions, and images.

. Each movie should have a "Book Now" button.

**2) Booking Page:**

. When a user clicks on the "Book Now" button, they should be directed to

a booking pages.

. Display movie details such as title, description, showtimes, and available seats.

. Allow users to select seats from a seating layout.

. Provide a form for the user to enter their details (name, email, etc.).

. Include a "Confirm Booking" button to finalize the booking.

**3) Confirmation Page:**

. After confirming the booking, display a confirmation message with booking details.

. Provide an option to go back to the movie listings or view booking history.

**4) CSS Styling:**

. Applying CSS styles to make the application visually appealing and user-friendly.

. Ensure proper layout and spacing for elements.

. Using a responsive design to make the application mobile-friendly.

**5) JavaScript Functionality:**

. Implementing dynamic interactions using JavaScript.

. Updating the seating layout based on user selections.

. Validating user inputs in the booking form.

. Handling the booking process, including seat selection and confirmation.

. Using local Storage or session Storage to store temporary data (e.g., selected seats)

**6) Tech Stack:**

**. HTML:** Structure the web pages using HTML markup.

**. CSS:** Style the web pages using CSS for layout, colours, fonts, etc.

**. JavaScript:** Adding interactivity and dynamic behaviour to the web pages

using JavaScript.

**IMPLEMENTATION OF IDEA:**

**1) Project Setup:**

**.** Creating a new directory for our project.

**.** project structure with separate directories for HTML, CSS, and JavaScript files.

**.** Creating an HTML file like index.html as the entry point for your website.

**.** Linking CSS and JavaScript files to our HTML file using <link> and <script> tags.

**2) Design Layout:**

**.** Designing the layout of our website using HTML

. Defining the structure of elements such as header, main content area, movie listings, etc.

**.** Using CSS to style the layout and elements.

**.** Applying the colours, fonts, spacing, and other visual properties to achieve the desired

look and feel.

**3) Dynamic Content Generation:**

**.** Using JavaScript to dynamically generate content for our website.

**.** This could include fetching movie data from an manually defining movie objects.

**.** Creating functions to populate the movie listings section with movie cards

containing details such as title, description, and image.

**.** Ensuring that the generated content is responsive and adapts well to different screen sizes.

**4) Functionality and Interactivity:**

**.** Implementing functionality to handle user interactions, such as clicking on movie cards

to view details or booking tickets.

**.** Developing features like booking tickets, filtering or searching for movies, and

navigating between different sections or pages of the website

**5) Testing and Refinement:**

**.** Testing our website thoroughly on different web browsers and devices to ensure

compatibility and responsiveness