**CINEMATE**

**Abstract:**

The Movie Ticket Booking website project is an innovative online platform designed to simplify the process of booking movie tickets for users. This project offers a comprehensive solution for moviegoers, allowing them to easily search for movies, explore details, and book tickets from the comfort of their homes. The central feature of the website is its real-time search functionality, which enables users to enter the name of a movie and instantly receive a list of available options. This dynamic interaction ensures that the users have access to the most current information about movies and showtimes, enhancing their decision-making process.

In addition to the search functionality, the website is designed with an interactive user interface that encourages engagement and provides an intuitive navigation experience. Users can easily browse through movie selections, view detailed information such as synopsis, cast, and ratings, and proceed to book tickets with just a few clicks. The site also integrates various visual elements and animations to make the browsing and booking process visually appealing and straightforward. By combining functionality with aesthetic design, the Movie Ticket Booking website aims to offer an enjoyable and hassle-free experience for all users.

**Key Features:**

 **Search Functionality**: Users can enter the name of a movie in the search box to find available movies for booking.

 **Dynamic Movie Listings**: The website dynamically displays movie options based on user input, ensuring an up-to-date and relevant selection.

 **Interactive User Interface**: The site offers an intuitive and responsive design that enhances user interaction and engagement.

 **Responsive Design**: The website is designed to be responsive, providing an optimal viewing experience across different devices, including desktops, tablets, and smartphones.

**Tools and Technologies:**

 **HTML5**: For the structure and layout of the web pages.

 **CSS3**: For styling the web pages, including layout, colors, and fonts to enhance user experience.

 **JavaScript**: For adding interactivity, handling user input, and dynamically updating the content on the web pages.

**Sample Input:**

**HTML:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Movie Ticket Booking - Home</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="home-container">

<h1>Search for a Movie</h1>

<input type="text" id="search-box" placeholder="Enter movie name">

<button id="search-button">Search</button>

<div id="search-results" class="movies-list"></div>

</div>

<script src="home.js"></script>

</body>

</html>

**CSS:**

body {

    font-family: 'Roboto', sans-serif;

    margin: 0;

    padding: 0;

    background-color: #1a1a1a;

    color: #f4f4f4;

    line-height: 1.6;

}

.home-container {

    text-align: center;

    padding: 50px;

    background-color: #2c2c2c;

    border-radius: 8px;

    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.3);

    max-width: 1000px;

    margin: 50px auto;

}

h1 {

    font-size: 36px;

    margin-bottom: 30px;

    color: #ffcc00;

}

.movies-list {

    display: flex;

    justify-content: center;

    flex-wrap: wrap;

}

.movie-item {

    background-color: #444;

    color: white;

    padding: 15px 25px;

    margin: 10px;

    border-radius: 8px;

    cursor: pointer;

    transition: transform 0.3s ease, background-color 0.3s ease;

    text-align: center;

    width: 180px;

    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

}

.movie-item:hover {

    background-color: #555;

    transform: translateY(-5px);

}

.movie-item img {

    border-radius: 8px;

    max-width: 100%;

    height: auto;

    margin-bottom: 10px;

}

.movie-title {

    font-size: 18px;

    font-weight: bold;

    margin-top: 10px;

}

.movie-details-container {

    text-align: center;

    padding: 50px;

    background-color: #2c2c2c;

    border-radius: 8px;

    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.3);

    max-width: 800px;

    margin: 50px auto;

}

**JAVASCRIPT:**

document.getElementById('search-button').addEventListener('click', () => {

const query = document.getElementById('search-box').value.trim();

const apiKey = 'f780d662'; // Replace with your OMDb API key

const apiUrl = `http://www.omdbapi.com/?apikey=${apiKey}&s=${encodeURIComponent(query)}`;

const resultsContainer = document.getElementById('search-results');

resultsContainer.innerHTML = ''; // Clear previous results

if (query === "") {

alert("Please enter a movie name.");

return;

}

fetch(apiUrl)

.then(response => response.json())

.then(data => {

if (data.Response === "True") {

data.Search.forEach(movie => {

const movieItem = document.createElement('div');

movieItem.classList.add('movie-item');

movieItem.textContent = movie.Title;

movieItem.setAttribute('data-movie-id', movie.imdbID);

movieItem.addEventListener('click', () => {

localStorage.setItem('selectedMovieID', movie.imdbID);

window.location.href = 'index.html';

});

resultsContainer.appendChild(movieItem);

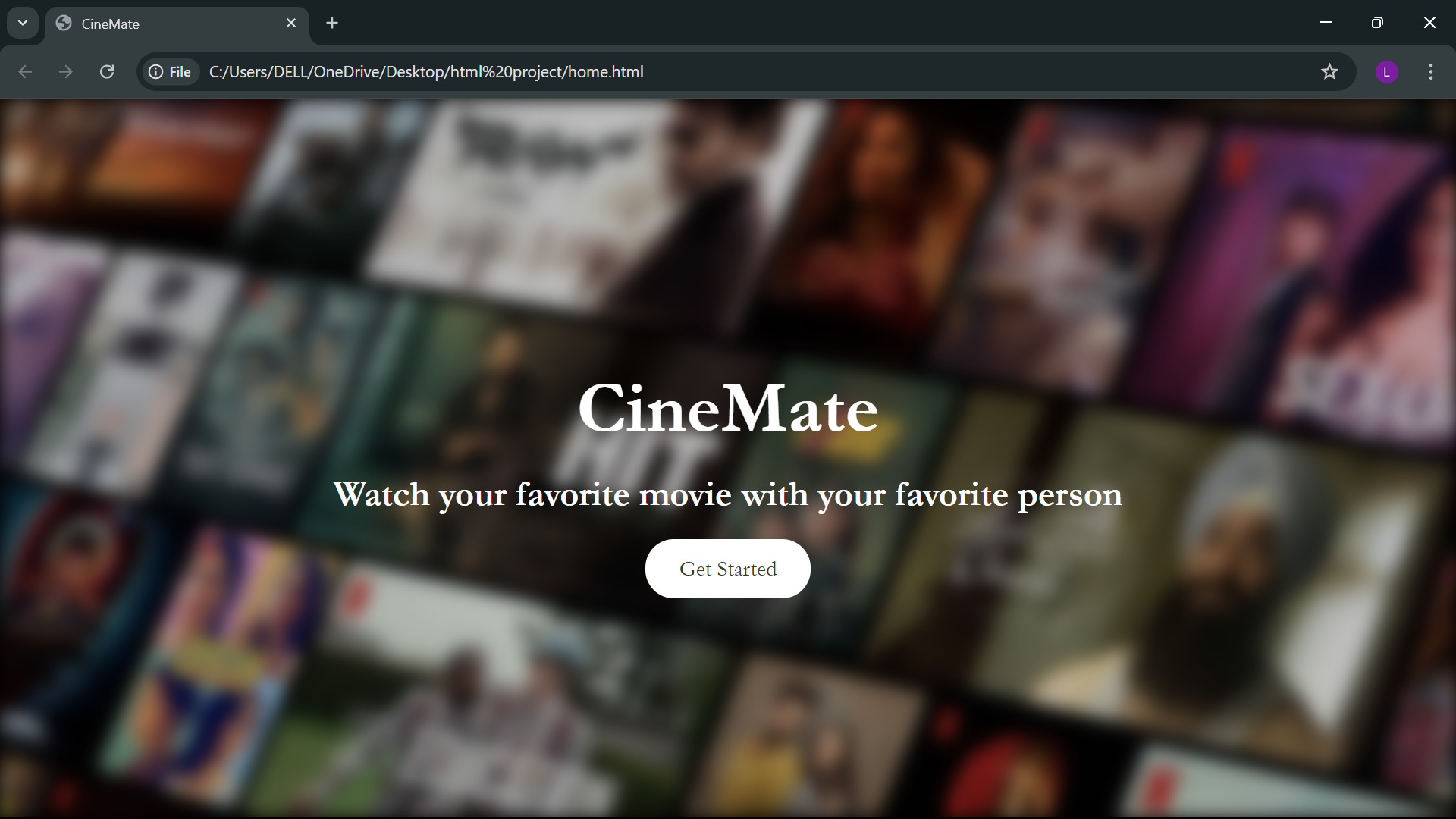
});

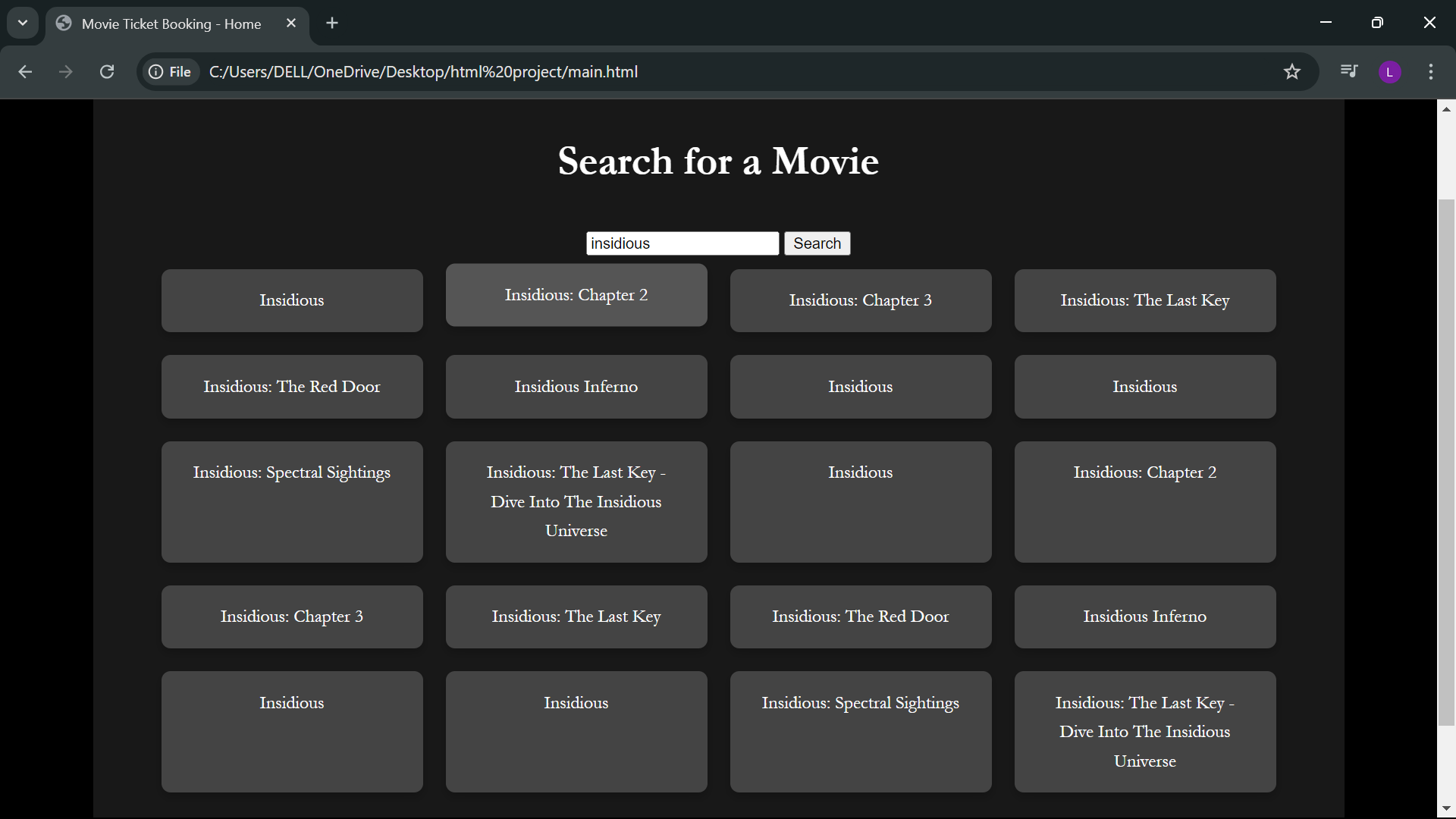
})

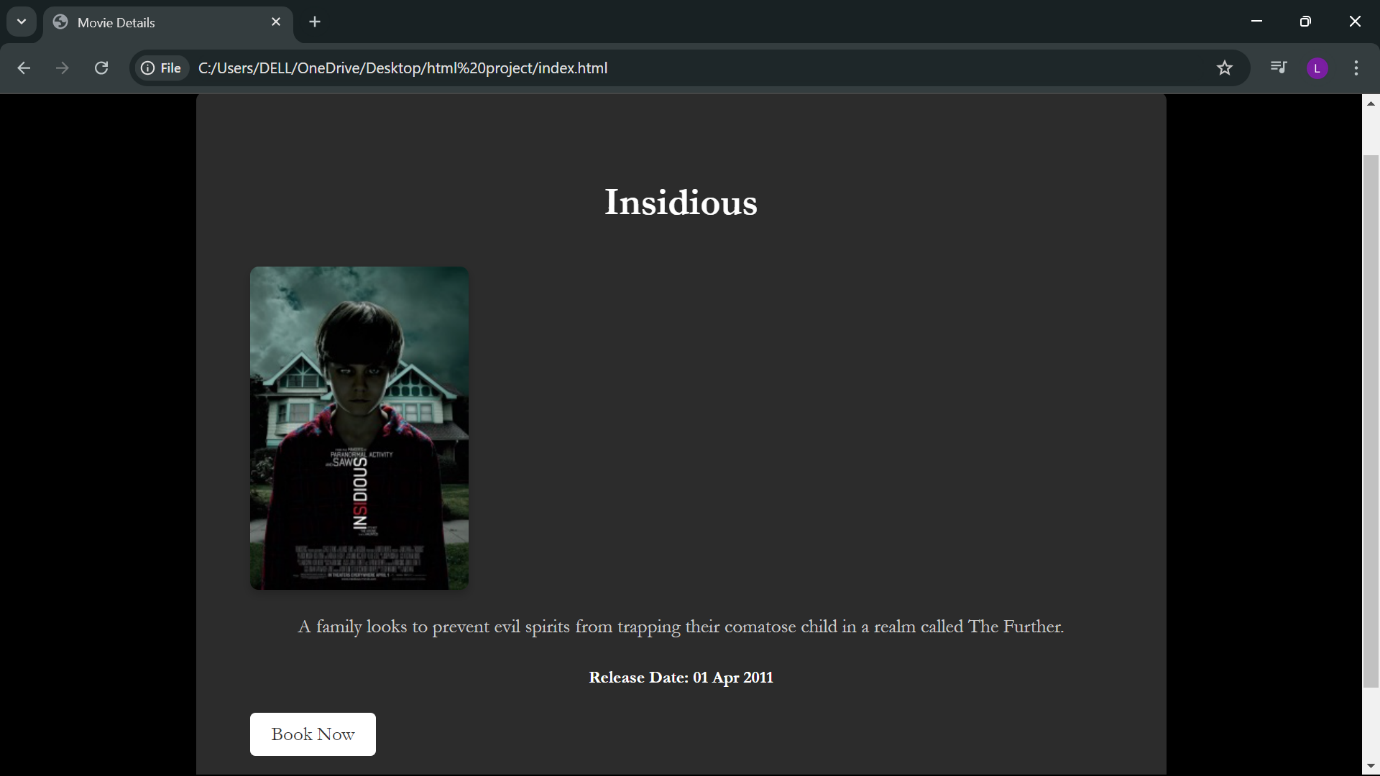
.catch(error => console.error('Error searching for movies:', error));

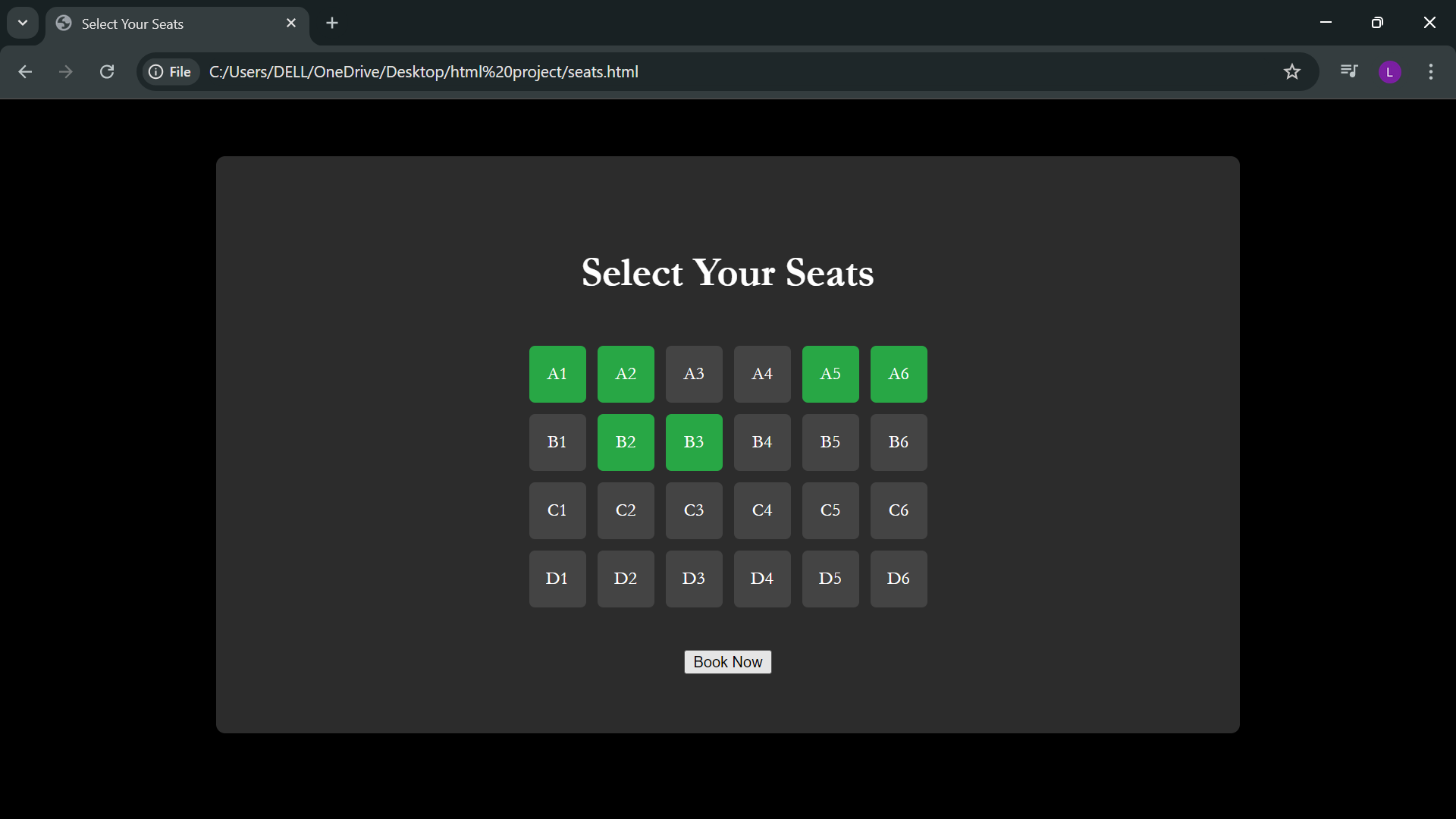
});

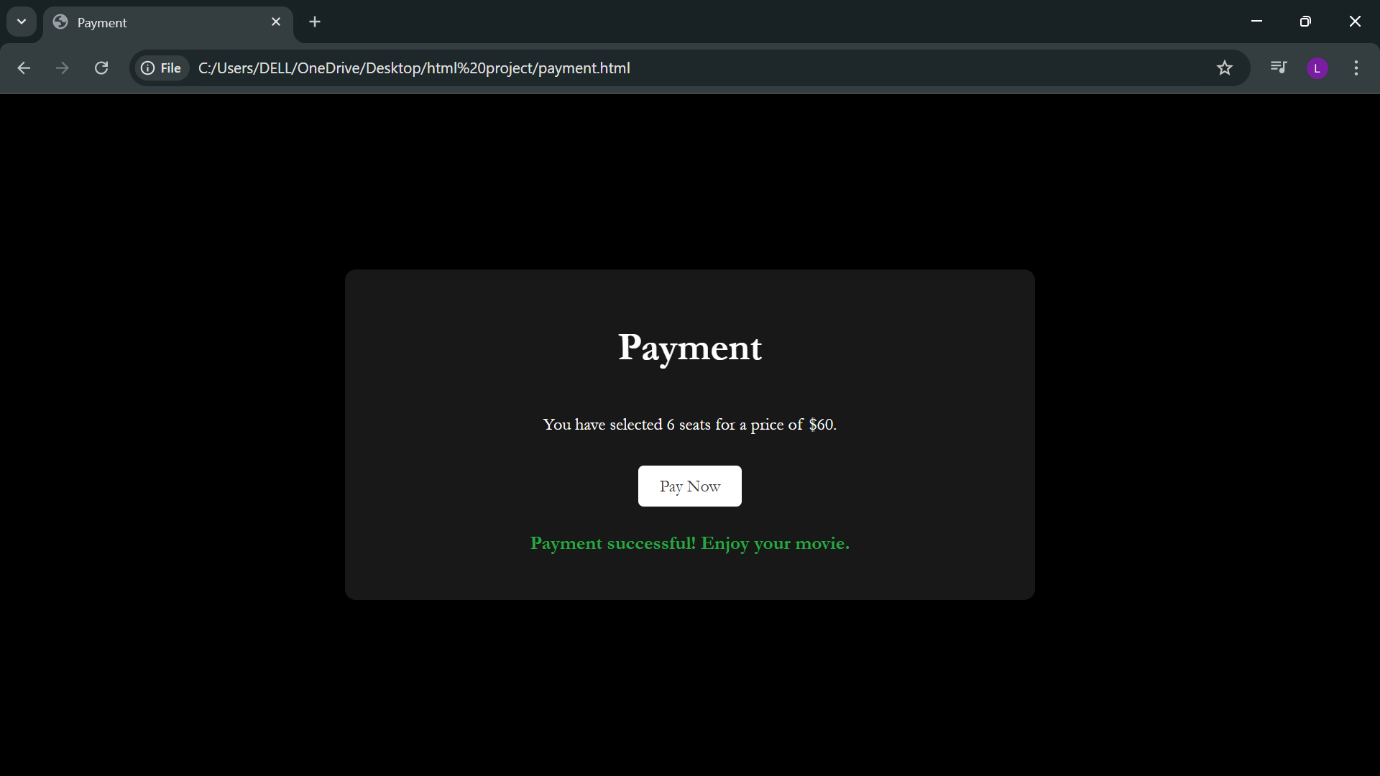
**Sample Output:**

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**Result:**

The project aims to deliver a fully functional movie ticket booking website that allows users to easily search for movies and book tickets. The site will provide a smooth, interactive, and responsive user experience, making it easier for users to find and book tickets for their desired movies. The real-time search and dynamic updates will ensure that users have access to the latest movie options and booking information. This project will serve as a practical example of implementing web technologies for real-world applications, showcasing the integration of user interface design and functionality.