Movie Info Page

1.Title Page

Project Title : Movie Info Page

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Course: UI/UX Design Fundamentals
Instructor Name: Nagaveena
Institution: Christ University
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2.Abstract

This project focuses on creating a responsive and interactive Movie Info Page that provides users with essential details about a selected movie, such as title, genre, release date, cast, synopsis, and ratings. The aim was to design a visually appealing, user-friendly interface that can serve as a base for more advanced movie-related web applications. HTML5 and CSS3 were used to structure and style the page, while JavaScript added basic interactivity. The outcome is a clean, organized page layout optimized for both desktop and mobile viewing.

3.Objectives

• Display key movie details in a visually engaging format
• Create a responsive design for multiple screen sizes
• Organize content using semantic HTML5 elements
• Style the interface using CSS for improved user experience
• Implement basic interactivity using JavaScript

4.Scope of the Project

The Movie Info Page project is focused solely on front-end development. It includes sections such as a movie poster, details, and a short description. The project does not cover dynamic database fetching or API integration but lays the groundwork for such features in the future.

5.Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Markup and structure of the page
CSS3	Styling, layout, and responsiveness
JavaScript	Basic interactivity
VS Code	Code editing
Chrome DevTools	Testing and debugging

6.HTML Structure Overview

• Semantic tags: <header>, <section>, <article>, <footer>
• Sections: Hero (poster + title), Movie Details, Synopsis, Cast
• Navigation using anchor links

7.CSS Styling Strategy

• External CSS file for maintainability
• Flexbox and Grid layout for responsive alignment
• Media queries to adapt for mobile and tablet screens
• Color scheme reflecting movie theme

8.Key Features

• Responsive layout for various devices
• Movie poster and title prominently displayed
• Well-structured movie details section
• Cast section with actor names and roles
• Smooth scrolling navigation

9.Challenges Faced & Solutions

Challenge	Solution
Responsive layout breaking on smaller screens	Applied proper flex-wrap and media queries
Text overlay readability on poster image	Added gradient overlay and text shadow

10.Outcome

The final Movie Info Page provides an organized and appealing layout for presenting movie information. It works seamlessly across devices and offers a foundation for integrating real-time data in the future.

11.Future Enhancements

• Integration with movie database APIs for dynamic content
• User reviews and rating system
• Search functionality for finding different movies
• Trailer embedding and gallery section
• Dark/Light theme toggle

12.Sample Code (2–3 Screens)

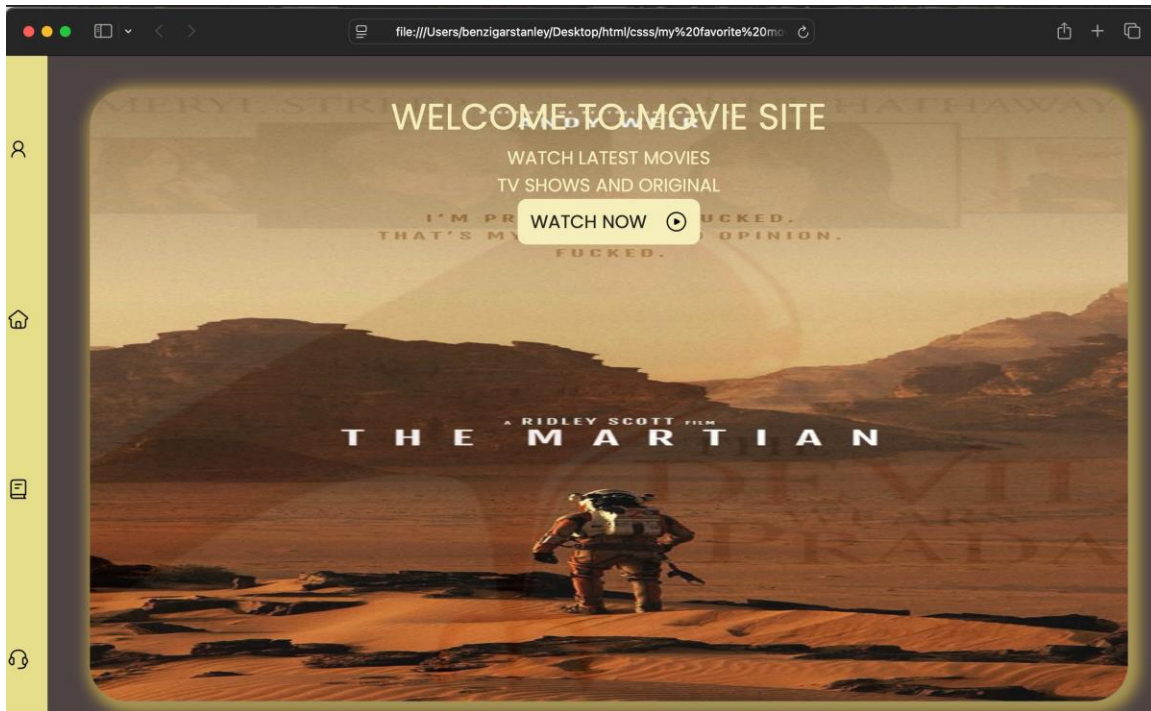Hero Section HTML:

```
<section class="hero"><img src="poster.jpg" alt="Movie Poster"><h1>Movie Title</h1></section>
```

Movie Details Section HTML:

```
<section class="details"><p>Release Date: ...</p><p>Genre: ...</p></section>
```

13.Screenshots of Final Output

14.Conclusion

The Movie Info Page project successfully demonstrated the process of designing and developing a visually pleasing and informative web page for showcasing movie details. Through this project, I gained hands-on experience with HTML structure, CSS styling, and responsive design techniques. I also learned the importance of balancing design elements with readability and accessibility. This project serves as a solid base for more interactive and data-driven applications in the future.

References

• L&T LMS: https://learn.lntedutech.com/Landing/MyCourse

• Unsplash: https://unsplash.com (for sample images)

• MDN Web Docs: https://developer.mozilla.org/