

Building a Movie Review Website

Objective: Develop a fully responsive movie review website that allows users to explore movie information, ratings, and user-generated reviews. The website should feature multiple pages, including Home, Movie Details, Search Results, and User Reviews.

Task Breakdown:

1. Overview of HTML and CSS

- **Task:** Setup the foundational HTML structure and apply CSS for basic styling.
- **Requirements:**
 - Utilize semantic HTML5 elements for a structured layout.
 - Implement external CSS for styling elements consistently across the site.

2. UI/UX and Web Design

- **Task:** Design an engaging and user-friendly interface.
- **Requirements:**
 - Develop a visually appealing design with a coherent color scheme and typography.
 - Design a responsive navbar with links to various sections of the website.

3. Setting Up Development Environment

- **Task:** Prepare the development environment for HTML, CSS, and JavaScript development.
- **Requirements:**
 - Use a code editor like Visual Studio Code.
 - Setup live reload for real-time previewing during development.

4. JavaScript Interactivity

- **Task:** Add dynamic functionalities using JavaScript.
- **Requirements:**
 - Create interactive forms for searching and submitting movie reviews.
 - Manipulate DOM elements based on user interaction, such as displaying search results or toggling movie details.

5. Responsive Design

- **Task:** Ensure the website is fully responsive and functional on all devices.



- **Requirements:**
 - Employ media queries to adapt the layout to different screen sizes.
 - Implement a mobile-first design strategy.

6. Advanced JavaScript and TypeScript

- **Task:** Enhance website functionality with advanced JavaScript and TypeScript.
- **Requirements:**
 - Use TypeScript to add type checking to the JavaScript code.
 - Fetch movie data asynchronously from an API or a local JSON file.

7. Complex CSS Styling

- **Task:** Apply advanced CSS techniques for a professional look.
- **Requirements:**
 - Use CSS Grid and Flexbox to manage complex layouts.
 - Implement custom animations and transitions for interactive elements.

8. Final Integration and Deployment

- **Task:** Integrate all components and prepare the website for deployment.
- **Requirements:**
 - Test the website for usability and fix any bugs.
 - Optimize performance and ensure all code is validated.