

## 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.