Movies4u - Project Brief

Overview

We are developing Movies4u, a movie browsing application where users can:

- View a list of movies on the homepage.

- Search for a specific movie.

- Access a movie details page with more information upon selection.

- (Future Enhancement) Add movies to favorites for easy access later.

The project will be built using React.js and will interact with a Backend API to fetch movie data dynamically.

Core Features

- Display a well-organized movie list on the homepage.

- Search functionality for quick access to movies.

- Movie details page with more insights about a selected movie.

- (Future Feature) Favorite movies feature for bookmarking.

Tech Stack

- React.js - Frontend framework

- React Router - For seamless navigation

- Axios - API calls to fetch movie data

- CSS Framework (Bootstrap or TailwindCSS) - For styling and improved UI

Development Plan

1. Project Setup

   - Initialize a new React project

   - Organize files and folders for clarity

2. Initial UI Design (Wireframes & Layouts)

- Plan the structure for movie display and navigation

3. Core Component Development

- MovieCard.js - Component to display each movie
- MovieList.js - Component to show the list of movies

4. Implement Navigation (React Router)

- Home Page - Displays movie listings
- Movie Details Page - Displays information about a selected movie

5. API Integration

- Fetch movie data dynamically and display it in the UI

Project Structure (Initial Plan)

```
/src
  /components   # Reusable components (e.g., MovieCard)
  /pages        # Main pages (Home, MovieDetails)
  /services     # API calls
  App.js        # Main entry point
  index.js      # Application launcher
```

Phase 1 Priorities

- Set up the development environment
- Build core UI components
- Display a static movie list
- Implement navigation between pages

Expected Deliverables (Phase 1)

- A functional React app displaying a static movie list
- Basic page navigation (Home - Movie Details)
- Simple CSS styling

Next Steps?

The goal is to launch quickly, complete Phase 1, and then expand the app with more features!