BuzzShot

A Web Platform for Movie & Series Discovery and Interaction

Team members:

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Project Overview:

BuzzShot is aimed to be an interactive web application designed to offer users a seamless experience in discovering, browsing, and reviewing movies and series. The goal is to create a modern system with full account management, advanced search capabilities, and its own reviewing system, driven by its community.

Project Description:

BuzzShot should upon completion allow users to discover, search, and interact with a wide range of movies and series. The platform will enable users to create personal accounts, manage watchlists, and share reviews. By integrating external APIs like TMDB, BuzzShot will provide up to date information including movie description, movie posters, release dates, and ratings.

BuzzShot aims to establish itself as a community-centered platform, prioritizing user reviews and ratings. Unlike many other entertainment platforms, BuzzShot focuses on community engagement, modern design, and ease of use, striving to become a comprehensive hub for movie enthusiasts.

Project Objectives:

The main objectives of BuzzShot are:

- To provide users with an intuitive platform to discover, review, and manage movies and series.
- To implement user authentication for personalized experiences (login, register).
- To allow users to:
    - Browse the latest movies and series.
    - Search content based on various filters (genre, release date, rating, etc.).
    - View detailed information about each film or series.
    - Create and manage watchlists.
    - Post and read reviews.

- To build a modern, responsive, and interactive frontend integrated with a reliable backend.

Project Scope:

The project should include:

- **Frontend:** Developed with React.js, including pages for home, login/register, movie details, search results, watchlists, and user reviews.
- **Backend:** Node.js with Express for API handling, PostgreSQL for database management.
- **APIs:** Integration with TMDB API for accessing movie/series data.
- **Authentication:** User login and registration using bcrypt.
- **Search:** Filtering functionality by genre, release year, rating, etc.
- **User Features:** Add to watchlist, leave reviews, rate movies.

Project Timeline:

The project is expected to be completed on three consecutive phases:

Phase 1: Requirements gathering, research, and planning

Estimated time: 5 days

Phase 2: Implentation and development (backend and frontend)

Estimated time: 7 days

Phase 3: Testing and debugging

Estimated time: 2 days

Expected Deliverables:

1. Folder containing all backend JavaScript code.
2. Folder containing all frontend code.
3. Manual for setting up the project locally.

4. Requirements documentation.
5. Design report with UML diagrams.
6. Final report demonstrating runtime behavior and development reflections.