SOFTWARE REQUIREMENT SPECIFICATION

(SRS) DOCUMENT TEMPLATE

Project name : Letterboxd

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INTRODUCTION

This document defines the requirements for a Movie Review Platform inspired by Letterboxd, focusing on user interaction, movie discovery, and unique features such as mood pairing and random movie suggestions.

The goal is to create an engaging platform that allows users to share reviews, vote for their favorite actors, and get movie suggestions based on their mood.

PURPOSE

The purpose of this platform is to provide a community space for movie enthusiasts to

- o Share and discover movies
- o Vote for favorite actors
- o Get personalized movie recommendations
- o Participate in mood-based movie suggestions
- o Keep track of movies they want to watch
- o Generate random movies to watch

KEY FEATURES

- ➤ User Authentication:
  Sign-up and Sign-in: Simple authentication   using email or social media.

➢ Movie Discovery:

Search by Genre or Mood: Users can search for movies based on mood (like adventurous, relaxed, sad) or genre (likecomedy, action).

➢ Random Movie Generator:

Works like spin the wheel feature in a way that doesn't rely on user preferences or previous interactions. The actor voting system will have some sort of limits or validation to prevent misuse (like one vote per actor per user,)

➢ Review and Rating system

Write reviews,rate movies,delete/edit reviews.

➢ Vote for Favourite Actors

Actor Voting: Users can vote for their favorite actors from a list of actors they've watched in movies. **Actor**

Ranking: Display a leaderboard of top actors based on votes

➢ Mood pairing recommendations

       Based on the user's selected mood (happy, sad, adventurous, etc.), the platform suggests movies that align with that mood.

➢ Watchlist

NON FUNCTIONAL REQUIREMENTS

➢ Perfomance:

    The platform should load within 3-5 seconds for movie listings and profile pages. The system should handle at least 500 simultaneous users.

➢ Usability:

Simple, intuitive interface with an emphasis on a mobile first design

➢ **Security and Scalability:**
Secure user data handling, including password authentication and proper encryption.It should allow allowance of features in future.

TECHNOLOGY STACK

➢FRONTEND:
HTML, CSS , JavaScript ,react framework,(next.js)

➢BACKEND:
Flask for building REST API's

➢DATABASE:
Postgres

USER INTERFACE DESIGN

The UI will feature a clean, minimalistic design with an easy-to-navigate interface for browsing, reviewing, and interacting with movies and other users.

CONCLUSION

This platform will provide a space for users to interact with movies in a fun and engaging way. This project aims to capture the essence of this social movie platform, but with a twist of mood pairing random movie suggestions and much more for those days when you just can't decide what to watch. The project will be scalable and maintainable with the use of modern technologies.