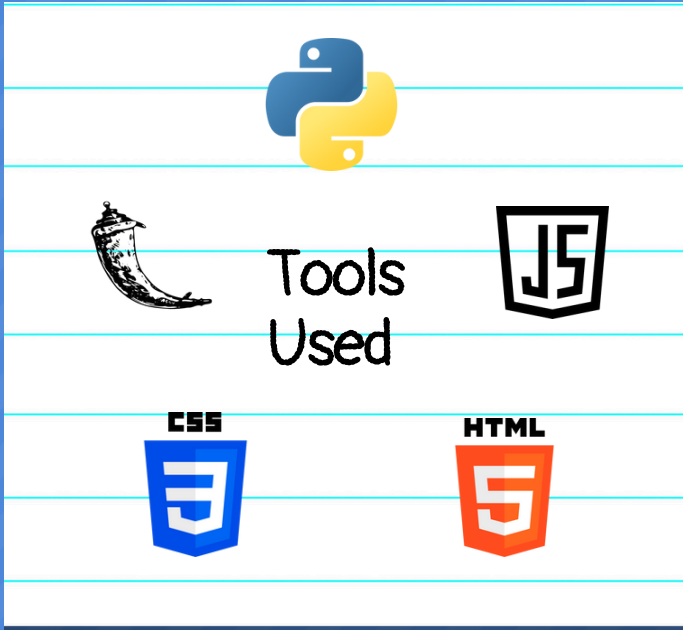# MOvie ReCOmmendeR

Introduction

The Movie Recommender system is a collaborative filtering-based recommendation engine designed to help users discover new films that match their individual tastes. By analyzing factors such as genre, cast, director, and user reviews, the system generates personalized movie suggestions. Users can register, provide feedback, and track their recommendation history, making movie night planning effortless and enjoyable.

Tools Used

Main Features

Personalized Recommendations: get tailored movie suggestions based on preferences like genre, actors, and past ratings.

User Accounts: Create accounts to track recommendations, ratings, and history.

Feedback System: Rate movies to improve future recommendations.

Watch Trailers: View trailers directly for recommended movies.

Email Updates: Receive personalized movie suggestions via email.

Mobile-Friendly: Responsive design for seamless use on both desktop and mobile.

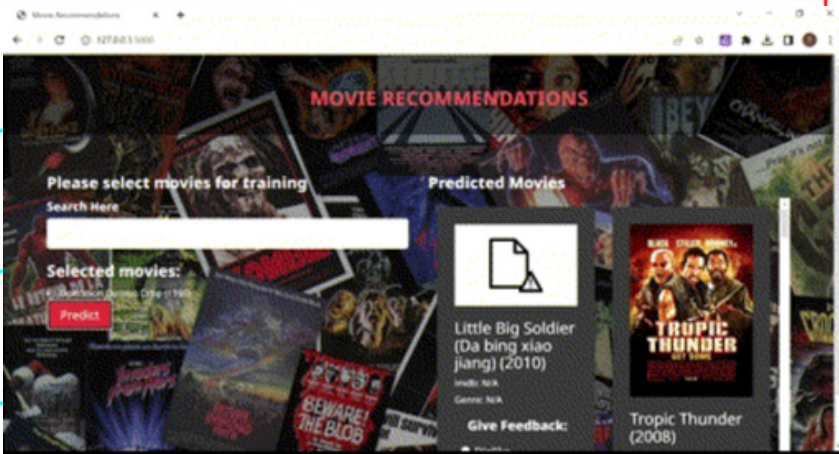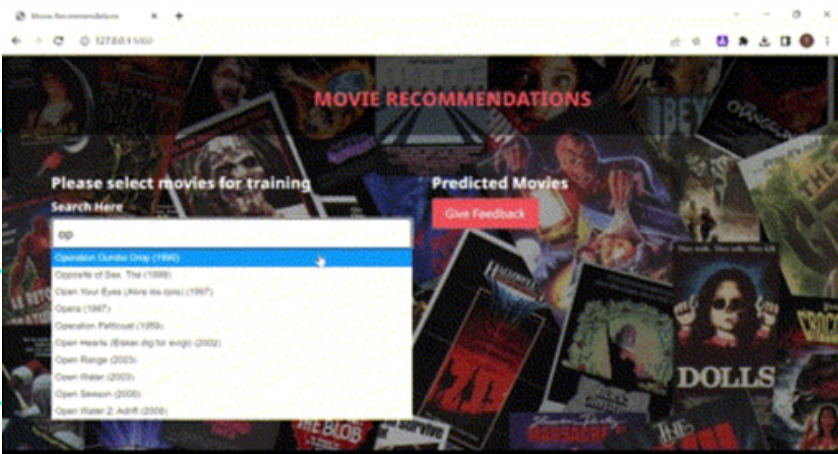Diverse Criteria: Recommendations based on genre, cast, director, and reviews.

Testing Strengths

Backend Tests: The backend includes multiple test cases covering critical functionality such as movie recommendation generation, user login, and movie rating submissions.

Frontend Tests: The app is beginning to incorporate automated tests for the user interface to ensure smooth navigation, form validation, and proper display of recommended movies.

Continuous Integration: The project uses GitHub Actions for automated testing on every push, making sure that new code doesn't break existing features.

Implementation Milestones

Improved UI/UX: Enhance the user interface with a cleaner, more intuitive design. Add easy-to-use filters for genres or actors, and simplify navigation for a smoother user experience.

Rating System for Recommendations: Add a star or thumbs-up/thumbs-down rating system so users can quickly rate recommended movies.

Top Movies of the Month Section: Create a "Top Movies of the Month" feature that displays trending movies or new releases.

Personalized Email Notifications: Send personalized email updates to users with their recommended movies every week. This can be automated using a simple email service, providing more value with minimal setup.

Screen Snaps

<- Repo

Team 62
Shanmukha Deety | Nikhilesh Cherukuri | Mohit Hosakatte

Demo ->