A blue and white logo

Description automatically generatedMovie Recommendation System

Project Idea

The Movie Recommendation System is a web application where users receive personalized movie recommendations

Problem Statement

Many users struggle to select movies due to the overwhelming choices available. This app will simplify this by offering recommendations based on

User preferences

1. Movie Buffs: Frequent users seeking personalized recommendations.

2. Casual Viewers: Occasional users wanting quick movie suggestions.

3. Data Enthusiasts: Users interested in understanding recommendation algorithms

Requirements

Functional Requirements:

* - User Login: Users can sign up and log in to save preferences.
* - Movie Recommendation: Users receive personalized movie recommendations.
* - Search and Filter: Users can search for specific movies and filter recommendations by genre or rating.
* - Feedback and Rating: Users can rate movies to improve future recommendations. Non-Functional Requirements:
* - Performance: Recommendations should load within 2 seconds.
* - Scalability: Capable of handling multiple users concurrently.
* - Usability: Intuitive interface with mobile compatibility

# Project Proposal

* Security: User data, especially login information, should be securely stored.

Agile Artifacts

Product Backlog:

* High Priority: Basic movie recommendation
* Medium Priority: User search and filter
* Low Priority: User rating and feedback Sprint Plan:
* Sprint 1: Setup repository and backend.
* Sprint 2: Setup frontend and integrate API.
* Sprint 3: Add search, filter, and basic UI. Sprint Retrospective and Burndown Charts will be generated post each sprint