Team 4

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Project Name: Cinemax

Vision Statement

The MovieHub System will serve as a comprehensive platform for movie enthusiasts, providing a rich database of films from classic to the latest releases. Positioned as a desktop Java application, it will feature an interactive graphical user interface (GUI) integrated with a database to store and retrieve movie information, user reviews, and ratings.

MovieHub will allow users to explore detailed movie information, including synopses, cast and crew details, genres, release dates, and user-generated ratings and reviews. The system will offer advanced search capabilities, enabling users to find movies based on various criteria such as title, genre, actor, or director. It will support personalized user experiences through watchlists, recommendations based on viewing history, and alerts for new movie releases or updates.

The system will be equipped with features to scroll through the movie database, zoom into movie details for a closer look, and highlight top-rated or trending movies using visual cues. User interaction will be facilitated through a straightforward registration and login process, allowing for a personalized dashboard and interaction with the movie community through reviews and ratings.

MovieHub will be utilized by a diverse audience, including casual viewers, film buffs, and critics. For users, it will offer an engaging platform to discover new movies and revisit classics, while for developers and administrators, it will provide a robust backend for managing movie data and user interactions efficiently.

In its initial release, the system will focus on core functionalities such as movie listings, user reviews, and search capabilities. Future enhancements may include social features allowing users to share their favorite movies or watchlists, integration with online streaming services for direct movie viewing, and mobile application versions for access on the go.

The success of MovieHub will be evaluated based on user engagement levels, the accuracy and comprehensiveness of the movie database, and the effectiveness of personalized recommendations. Feedback from the user community will be instrumental in iterating the system, with a focus on enhancing usability, content richness, and overall user satisfaction.

By offering a seamless and informative movie discovery experience, MovieHub aims to become the go-to resource for movie information and community interaction. Its success will be measured not only in user numbers but in the quality of the movie-going experience it provides, fostering a vibrant and engaged movie-loving community.

Big User Stories

View Movie Catalog
As a movie enthusiast, I want to be able to browse and search through a comprehensive catalog of movies so that I can find films of interest to watch.
Priority: High
Cost: 8 days

Manage User Profiles
As a registered user, I need to be able to create and manage my profile, including my watchlist and reviewed movies, to personalize my experience on the platform.
Priority: High
Cost: 7 days

Social Interactions
As a community member, I want to engage with other users by rating and reviewing movies, and seeing what others have to say about movies I'm interested in.
Priority: High
Cost: 8 days

Detailed User Stories

Setup Database and Basic Movie Information Display
Priority: High
Story Points: 3
Details:
- Implement the core database schema with tables for movies, genres, and basic details such as title, release year, and a brief description.
- Develop the GUI component to display a list of movies with options to select for more details.
- How will the system handle password recovery and reset functionalities?

User Registration and Login System
Priority: High
Story Points: 4
Details:
- Create a secure system for user registration and login, including encrypted password storage and session management.
- Implement form validation and error handling for the login process.

Basic Movie Search Functionality
Priority: Medium
Story Points: 3
Details:
- Develop a search function for users to find movies by titles or genres.
- Will the search functionality support advanced filters such as release year or rating?

Movie Details View
Priority: Medium
Story Points: 4
Details:
- Enhance GUI to display detailed movie information including cast, crew, and plot summaries.
- How will the system retrieve and display detailed information for each movie?

Initial User Rating System
Priority: Low
Story Points: 2
Details:

- Implement a feature that allows users to rate movies on a scale of 1-5 stars and view an average rating.
- Should user ratings be anonymous, or linked to user profiles?

Project Structure and Version Control Setup
Priority: High
Story Points: 2
Details:
- Initialize project structure in Java, set up Git for version control, and establish GitHub workflows for team collaboration.
- What branching strategy will be used to manage multiple features being developed in parallel?