

Team 4

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Project Name: Cinemax

Iteration 1

## **Vision Statement**

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

Although Cinemax will look to allow users to explore movies based on information such as synopsis, cast and crew details, genres, release dates, and user-generated ratings and reviews. Currently, for iteration one, the main focus has been fetching the movie data so that in the future users will be able to search for movies based on the criteria and allow them to create watchlists.

The system's main dashboard has been completed and more features will be added in the next iteration such as scrolling through the movie database and zooming into movie details for a closer look. The login and resignation system has also been completed allowing for a personalized interaction with the movie community through reviews and ratings.

The target audience has not been changed as it is still going to 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.

Currently, the app is still in its infancy as the core functionalities are what has been implemented such as the movie database, login and registration system and initial dashboard. Future enhancements may include social features allowing users to share their favourite movies or watchlists, integration with online streaming services for direct movie viewing, and mobile application versions for access on the go.

The success of Cinemax is still going to be evaluated based on user engagement levels, the accuracy and comprehensiveness of the movie database, and the effectiveness of personalized recommendations. So far the functions that will allow that have not been implemented but the goal is to have that all set up for iteration 2.

## **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: 10 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: 14 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: 12 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?