Movie Catalogue

Overview

The Movie Catalogue App is a desktop application built using **Java Swing**. It allows users to:
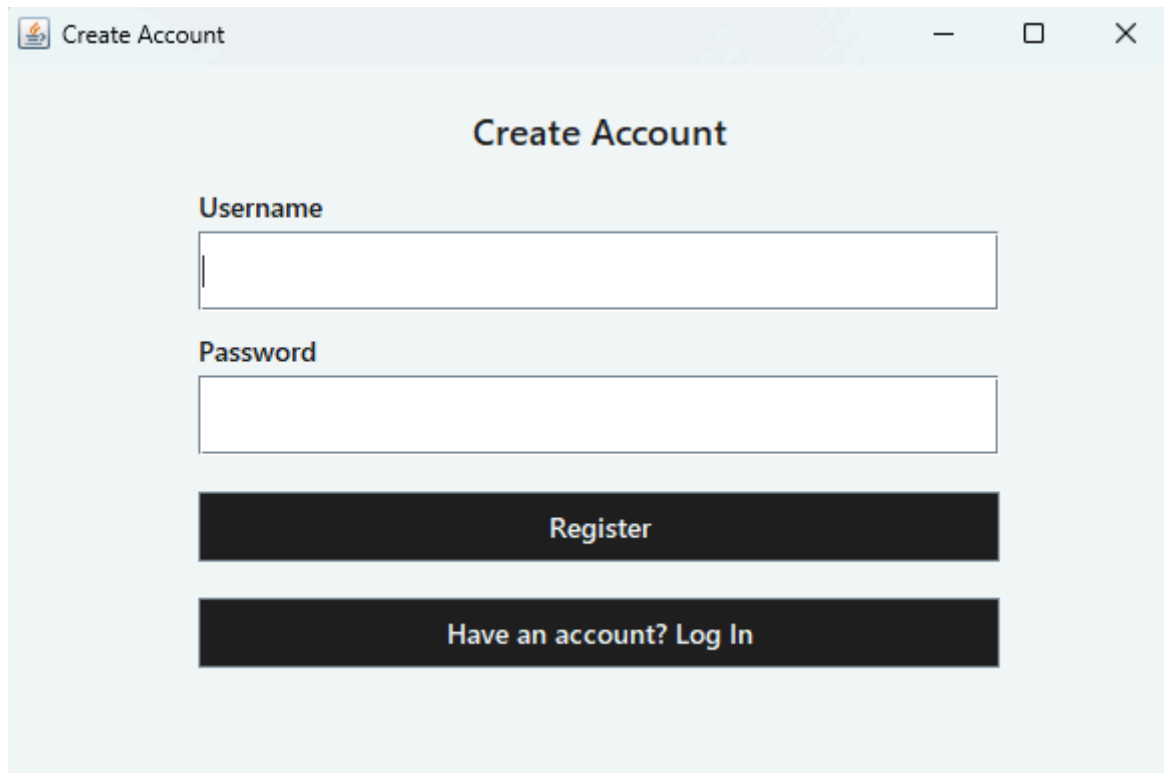
- Register an account
- Log in to their account
- Search for movies
- View detailed information about a movie

The app stores user information and movie data in a local database and provides a simple and user-friendly interface.

Features

1. User Registration

- Users can create an account by entering:
    - **Password**
    - **Username**
- After successful registration, users can log in using their credentials.
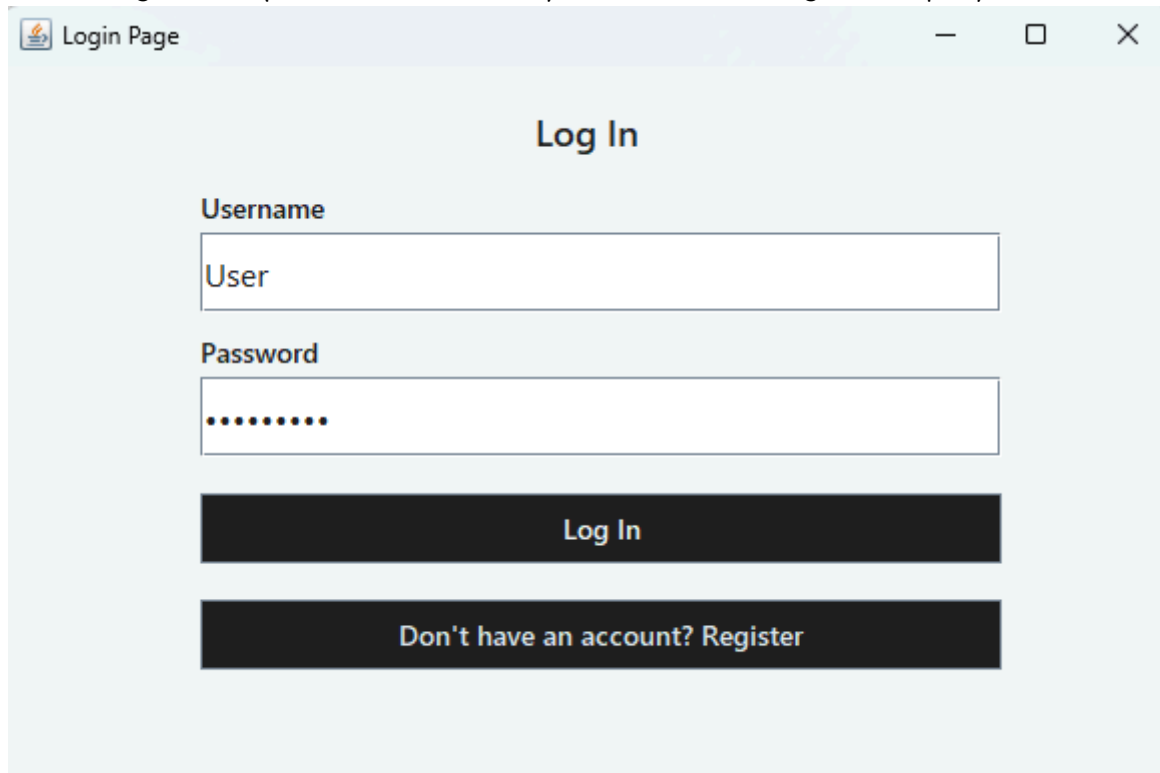- All user data is stored in the local database.

2. User Login
- Users must enter their username and password to log in. • Upon successful login, users are redirected to the **movie discovery page** where they can search for movies.
- If login fails (invalid credentials), an error message is displayed.
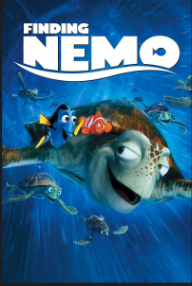
3. Main Movie Menu

- Main menu that displays all of the movies
- Genre list where you can filter the movie based on genre
- Search Bar that lets you search for movies
- Logout button to log out of account
- My Account button to see account details
- Clicking on a movie box will open its movie page
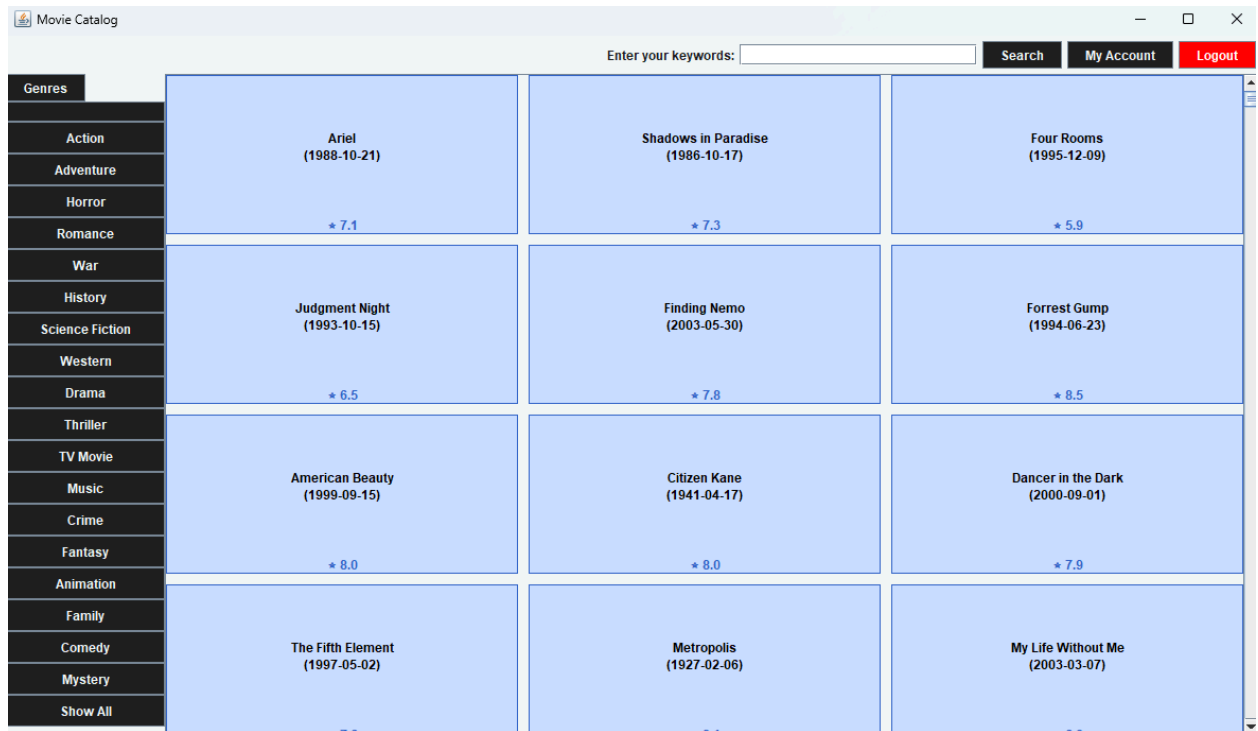
4. Movie Page

- The movie page provides detailed information, including:
  - Title
  - Rating
  - Release date
  - Genre
  - Description
  - Add to list buttons
  - Review box
- Users can navigate back to the search page or perform a new search.

Back

Finding Nemo 2003-05-30

Rating: 7.8

Genres: Animation, Family

Description:

Nemo, an adventurous young clownfish, is unexpectedly taken from his Great Barrier Reef home to a dentist's office aquarium. It's up to his worrisome father Marlin and a friendly but forgetful fish Dory to bring Nemo home -- meeting vegetarian sharks, surfer dude turtles, hypnotic jellyfish, hungry seagulls, and more along the way.

Add to Watched   Add to Plan to Watch   Add to Favorites   Add to Dropped
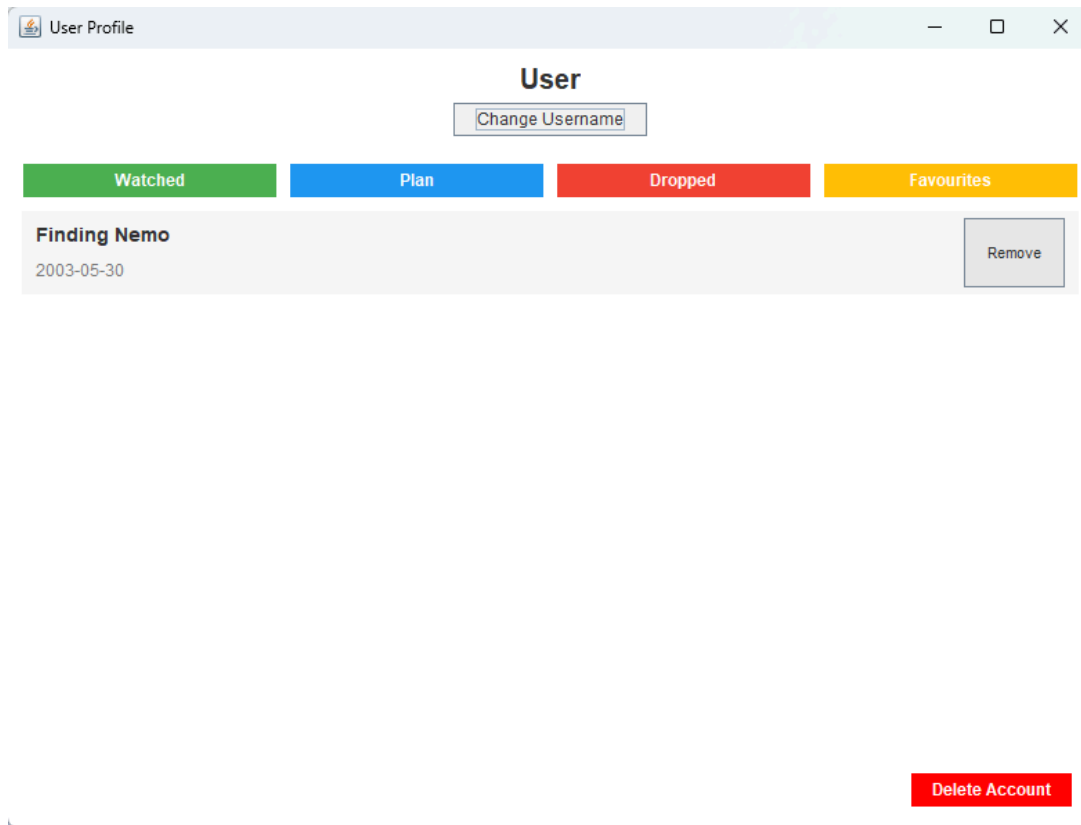
Add a Review:

This movie is pretty good   1   Submit

User (1) March 30, 2025

This movie is pretty good

5. User Page
- Displays User name
- Displays Watched List, Plan to Watch List, Dropped List, and Favourite List.
- Able to change your name
- Able to delete your account

5. Database
- The app uses a local **SQLite** database to store the Movie data (id, title, overview, release_date, genre_ids, vote_average, popularity, poster_path)
- The login is handled by a local database and uses HashMap to handle the login.
- Data is persisted locally so that users do not need an internet connection after initial setup.

Technical Details

- **Frontend:** Java Swing
- **Backend:** Java
- **Database:** SQLite