

Movie Catalogue

Overview

The Movie Catalogue App is a desktop application built using Java Swing. It allows users to:

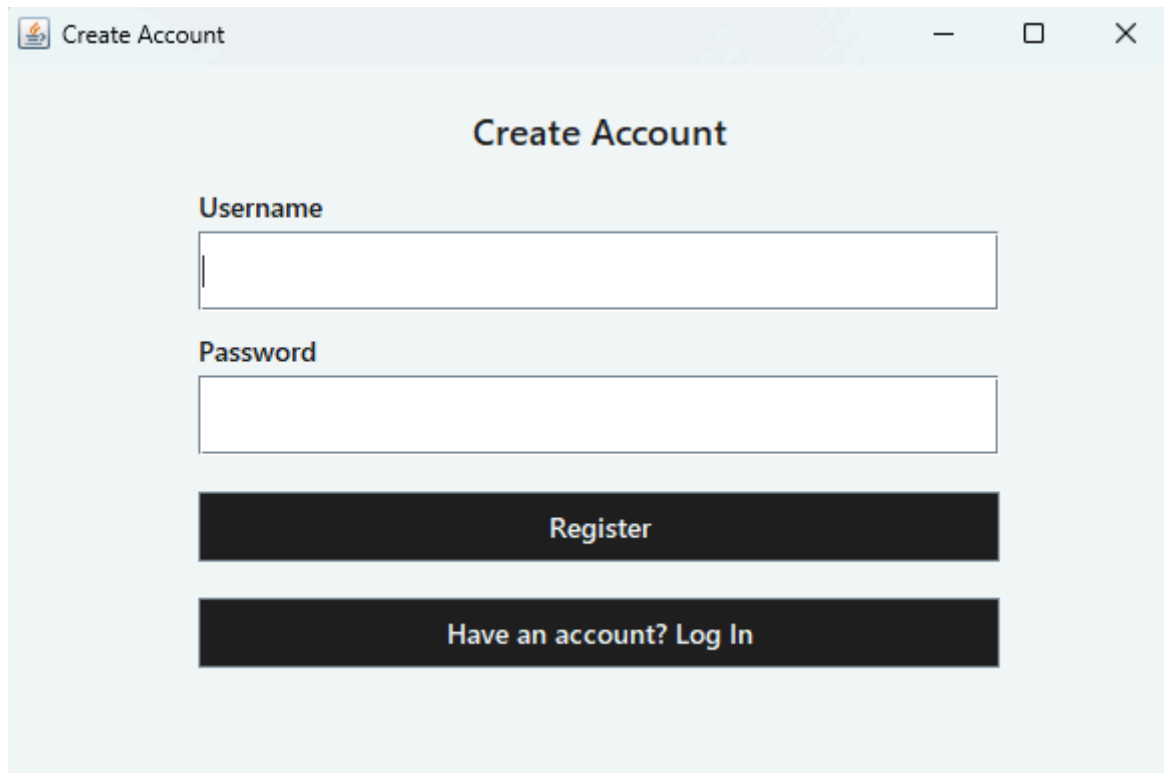
- Register an account
- Log in to their account
- Search for movies
- View detailed information about a movie

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.

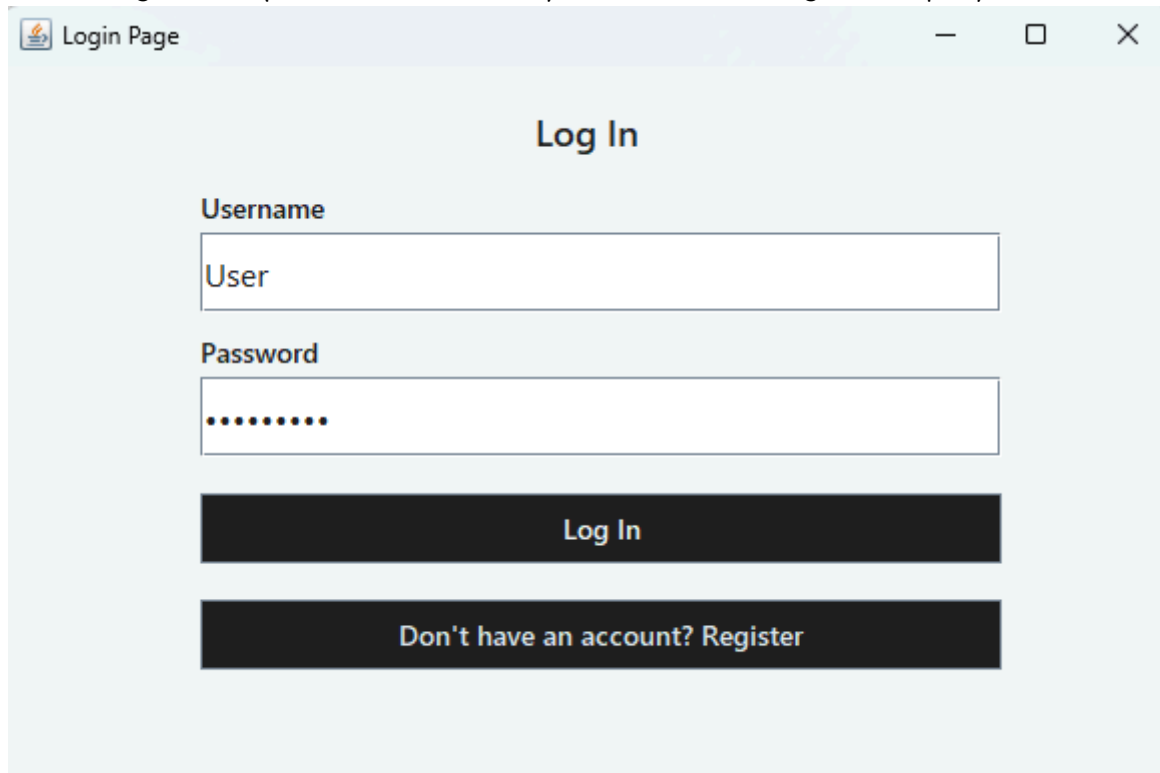


The screenshot shows a Java Swing window titled "Create Account". The window has a light blue background and a title bar with standard Windows window controls (minimize, maximize, close). The main content area is centered and contains the following elements:

- A title "Create Account" in bold black text.
- A label "Username" in bold black text, followed by a white text input field.
- A label "Password" in bold black text, followed by a white text input field.
- A black button with the text "Register" in white.
- A black button with the text "Have an account? Log In" in white.

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.



The screenshot shows a web browser window with the title 'Login Page'. The page has a light blue background. At the top center, the text 'Log In' is displayed in a bold, dark font. Below this, there are two input fields. The first is labeled 'Username' and contains the text 'User'. The second is labeled 'Password' and contains a series of dots, indicating a masked password. Below the password field, there is a dark blue button with the text 'Log In' in white. At the bottom, there is another dark blue button with the text 'Don't have an account? Register' in white.

Username

User

Password

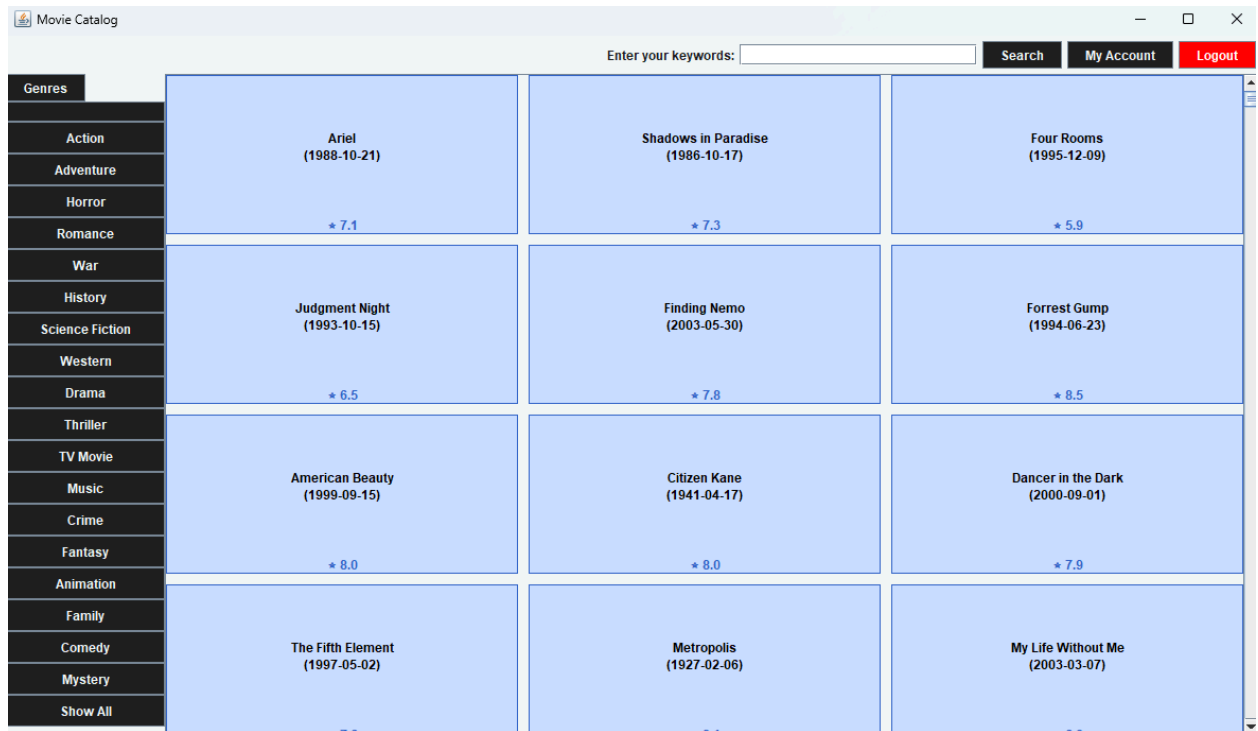
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Log In

Don't have an account? Register

3. Main Movie Menu

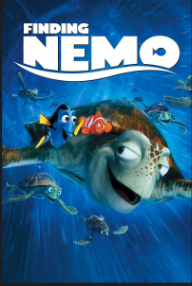
- Main menu that displays all of the movies
- Genre list where you can filter the movie based on genre
- Search Bar that lets you search for movies
- Logout button to log out of account
- My Account button to see account details
- Clicking on a movie box will open its movie page



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.

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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](#)

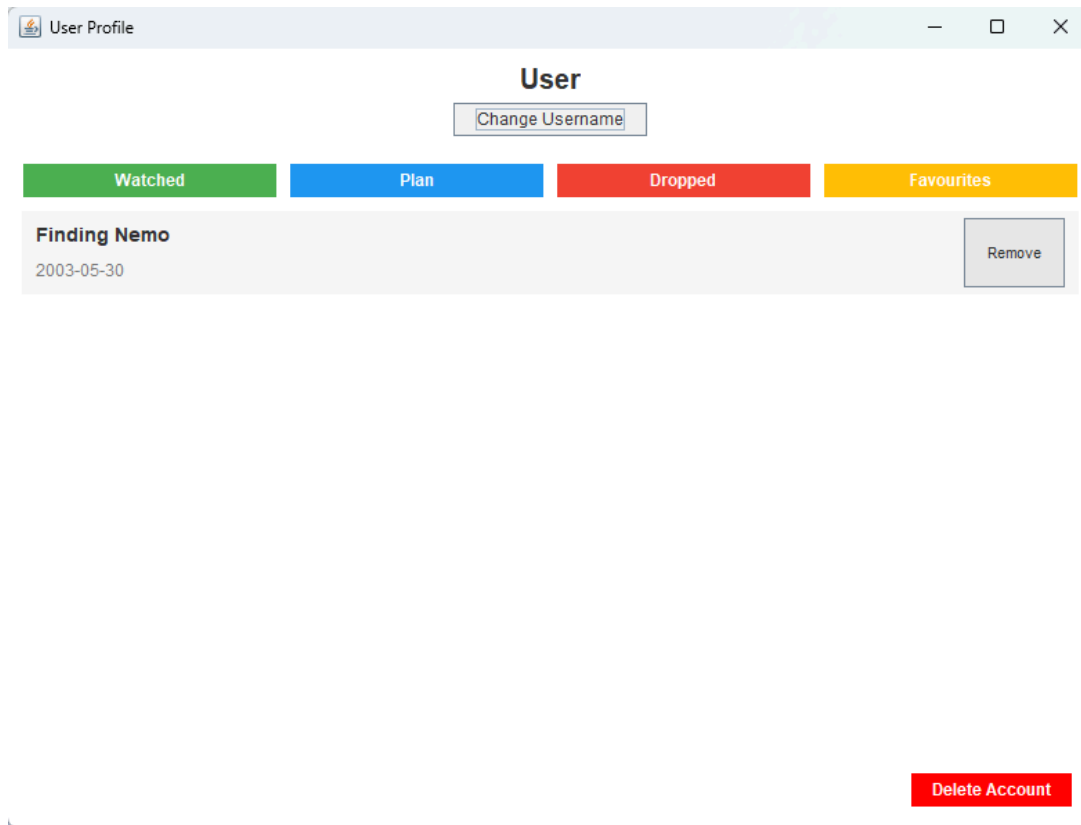
Add a Review:

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