

Acceptance Tests and Acceptance Criteria

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Each use case (search, filtering, sorting, and watchlist management) was tested by executing the defined actions through the user interface and observing system responses. Each team member tested the application on their local machine to ensure consistent performance across environments. While our project includes some tests from the development process. Inputs, UI behavior, and database changes were observed to validate expected outcomes. Some screenshots and logs were collected.

Acceptance Criteria

1. Users should be able to search for movies and receive results from TMDB.
2. Users can add and remove movies from their favorites list.
3. The application should display the top 100 IMDb movies in the "Recommendations" section.
4. Users should be able to navigate between pages seamlessly using PyQt.

Detailed Test Scenarios

Test 1: Search functionality

- **Objective:** Ensure the search bar fetches and displays results correctly.
- **Steps:**
 1. Log in.
 2. Enter a movie name in the search bar.
 3. Click the search button.
 4. Observe the search results.
- **Expected Result:** Matching movies are shown dynamically.

- **Pass/Fail Criteria:** Pass if results are displayed, fail if no results appear or incorrect results are shown.

Test 2: Filter by Genre

- **Objective:** Verify filtering works with genre buttons.
- **Steps:**
 1. Log in.
 2. Select a genre filter.
 3. Verify that only movies of the selected genre appear.
- **Expected Result:** Movie list updates with genre-specific content only.
- **Pass/Fail Criteria:** Pass if filtering works correctly, fail if incorrect movies appear.

Test 3: Sort Search Results & Watchlist

- **Objective:** Confirm sorting functionality for both main list and watchlist.
- **Steps:**
 1. Open the application.
 2. Search for movies.
 3. Apply sorting (e.g., by rating, release date).
 4. Verify that the order of results changes accordingly.
 5. Open watchlist, apply sort, verify order.
- **Expected Result:** Both main list and watchlist reorder correctly.
- **Pass/Fail Criteria:** Pass if sorting and watchlist functionality work correctly, fail otherwise.

Test 4: Manage Watchlist

- **Objective:** Confirm add/remove actions and duplicate prevention.
- **Steps:**
 1. Open the application.
 2. Click "Add to Watchlist".
 3. Navigate to the watchlist page.
 4. Remove a movie from the watchlist.
 5. Confirm that the movie is no longer in the watchlist.
- **Expected Result:** Users should be able to view and remove movies from their watchlist successfully.
- **Pass/Fail Criteria:** Pass if the watchlist updates correctly, fail if movies do not appear or cannot be removed.

Logouts

1. User datas stored in mysql tables so users could login without problem.

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'Local instance MySQL80' is selected. The 'Schemas' tree on the left shows the 'movienest' database expanded, revealing tables like 'movies', 'user_movie_list', and 'users'. A query editor window titled 'Query 1' contains the SQL command: 'SELECT * FROM movienest.users;'. The results are displayed in a 'Result Grid' table:

	id	nickname	password
▶	1	Tarik	123
▶	2	esma	1234
■	NULL	NULL	NULL

The screenshot shows a Python application window titled 'python'. It contains a form with several input fields and buttons:

- A text input field containing 'esma'.
- A password input field containing '****'.
- A 'Login' button.
- A 'Register' button.

python

Menu

Genre

- Action
- Adventure
- Animation
- Comedy
- Crime
- Documentary
- Drama
- Family
- Fantasy
- History
- Horror
- Music
- Mystery
- Romance
- Sci-Fi
- Thriller
- TV Movie
- War
- Western

IMDb Rating

Min Rating: 5.0

Apply Filters

Search for movies...

Recommendations

Dragon

திராகன்

Romance | Comedy | ...

IMDb: 10.0

+ Add to Watchlist

Husband Wife

मेरे हजबत की बीवी

Drama | Comedy

IMDb: 10.0

+ Add to Watchlist

Tudo por um Pop Star 2

Tudo por um Pop St...

Comedy

IMDb: 9.2

+ Add to Watchlist

그 시절, 우리가 좋아...

Romance | Drama | C...

IMDb: 9.0

+ Add to Watchlist

Uma Ora Próxima

ウマ娘 プリティーダービ...

Animation | Drama | ...

IMDb: 8.7

+ Add to Watchlist

Search Results

Sort by: Default

The Postman Alwa...

Crime | Romance | Dr...

IMDb: 6.5

+ Add to Watchlist

BATMAN: DEATH IN THE FAMILY

Batman: Death in t...

Animation | Action

IMDb: 7.1

+ Add to Watchlist

SUPERMAN: RED SON

Superman: Red Son

Science Fiction | Anim...

IMDb: 7.1

+ Add to Watchlist

Barbie Fairytopia: ...

Mermaidia

Animation | Family | ...

IMDb: 6.9

+ Add to Watchlist

Una famiglia most...

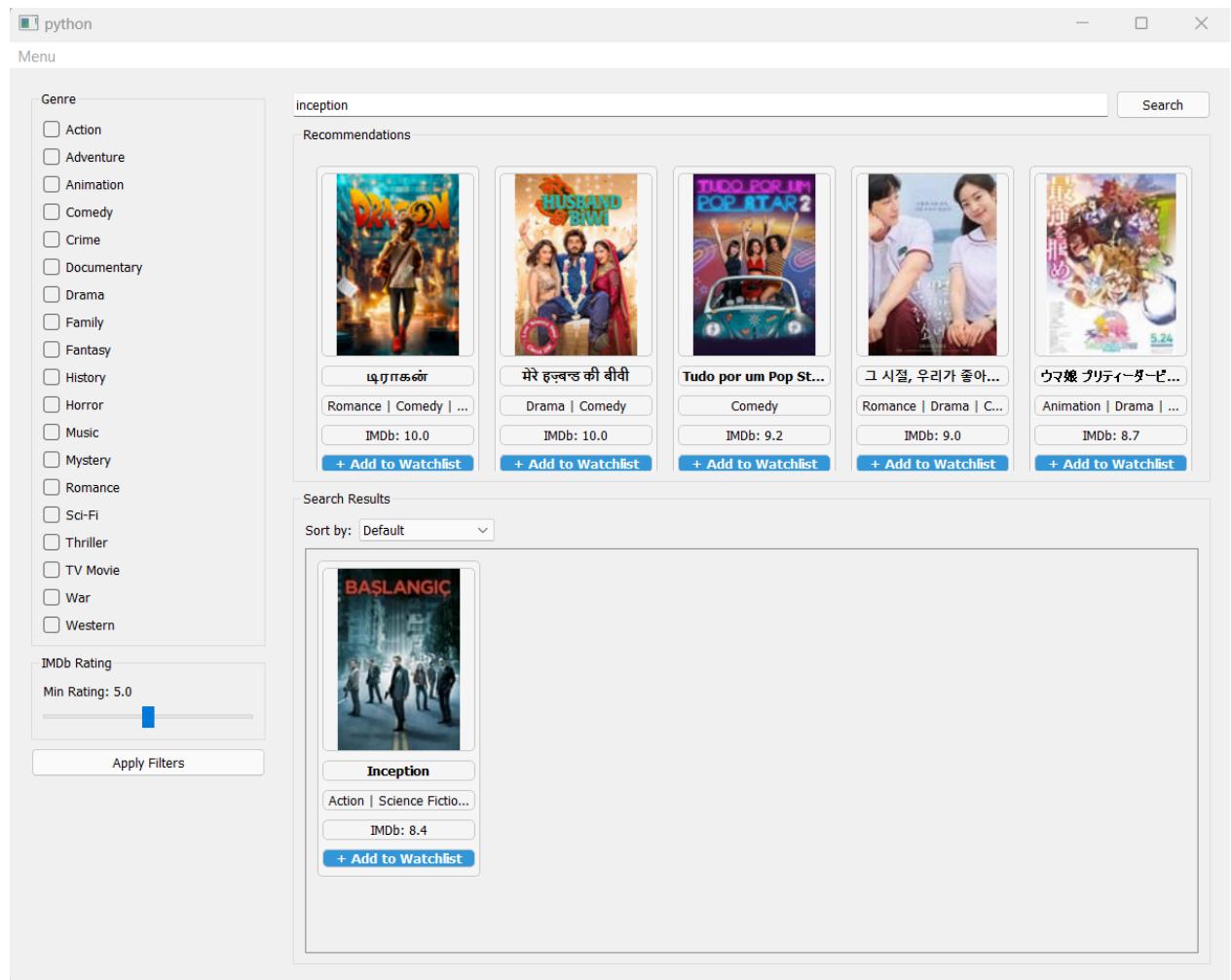
Una famiglia most...

Comedy | Fanta...

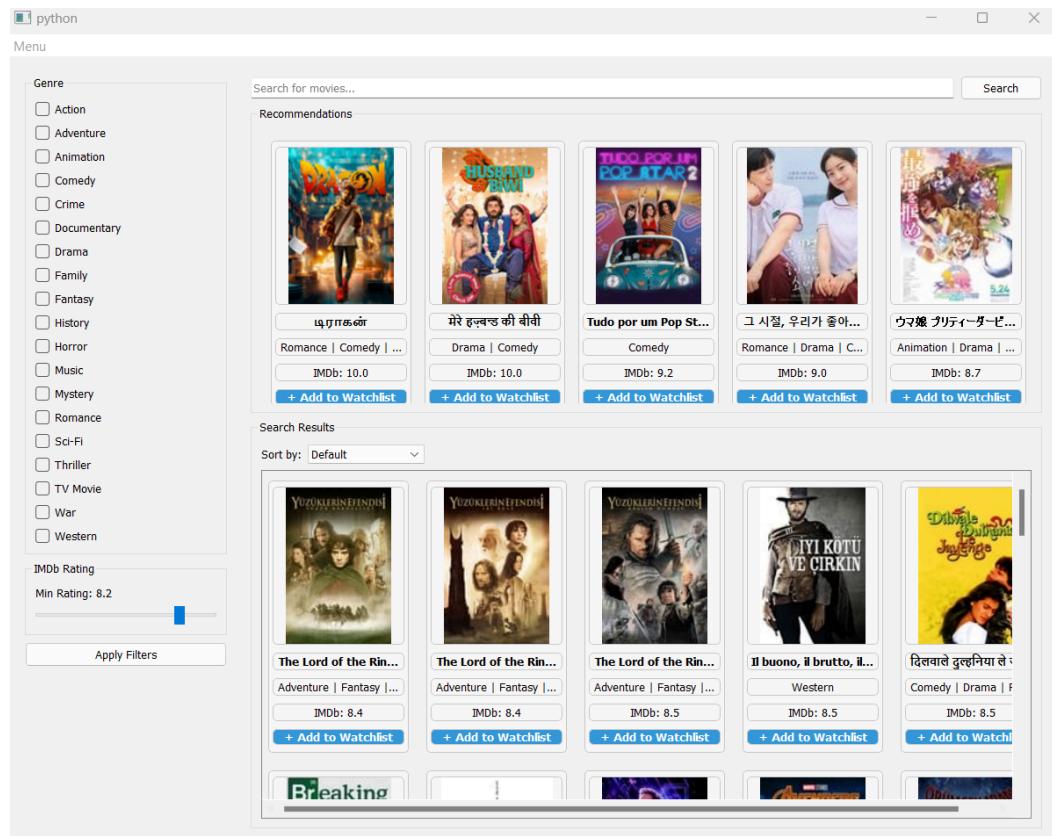
IMDb: 5.9

+ Add to Watchlist

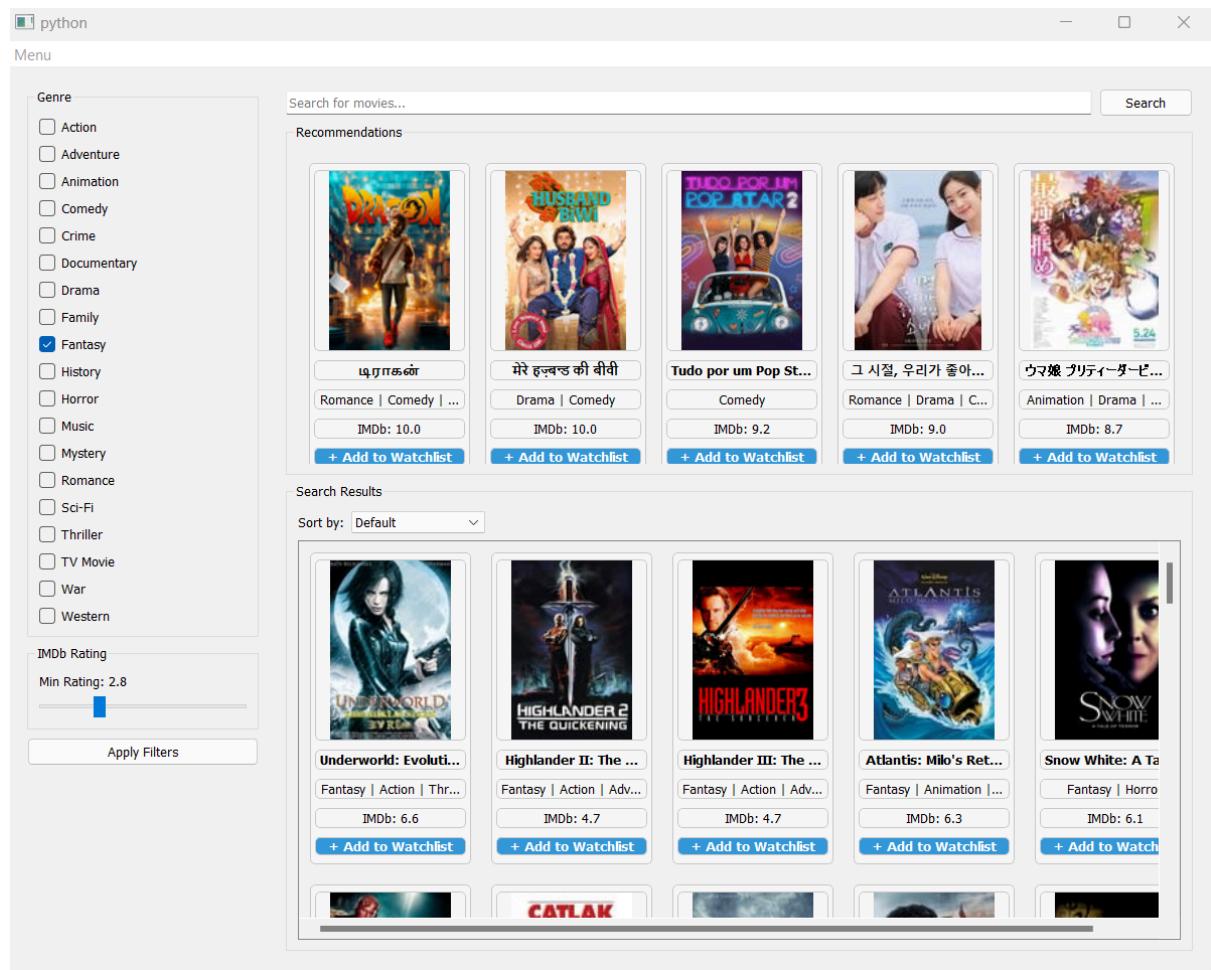
Bruce Lee



--search function

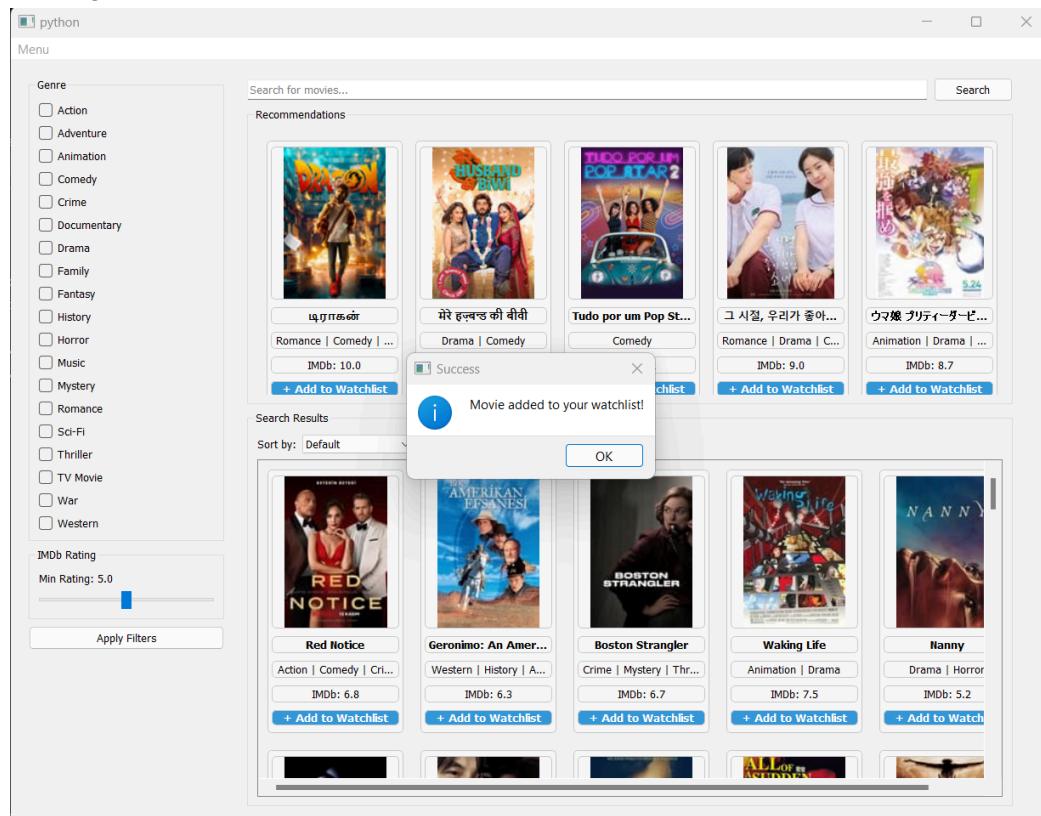


-rating filtering

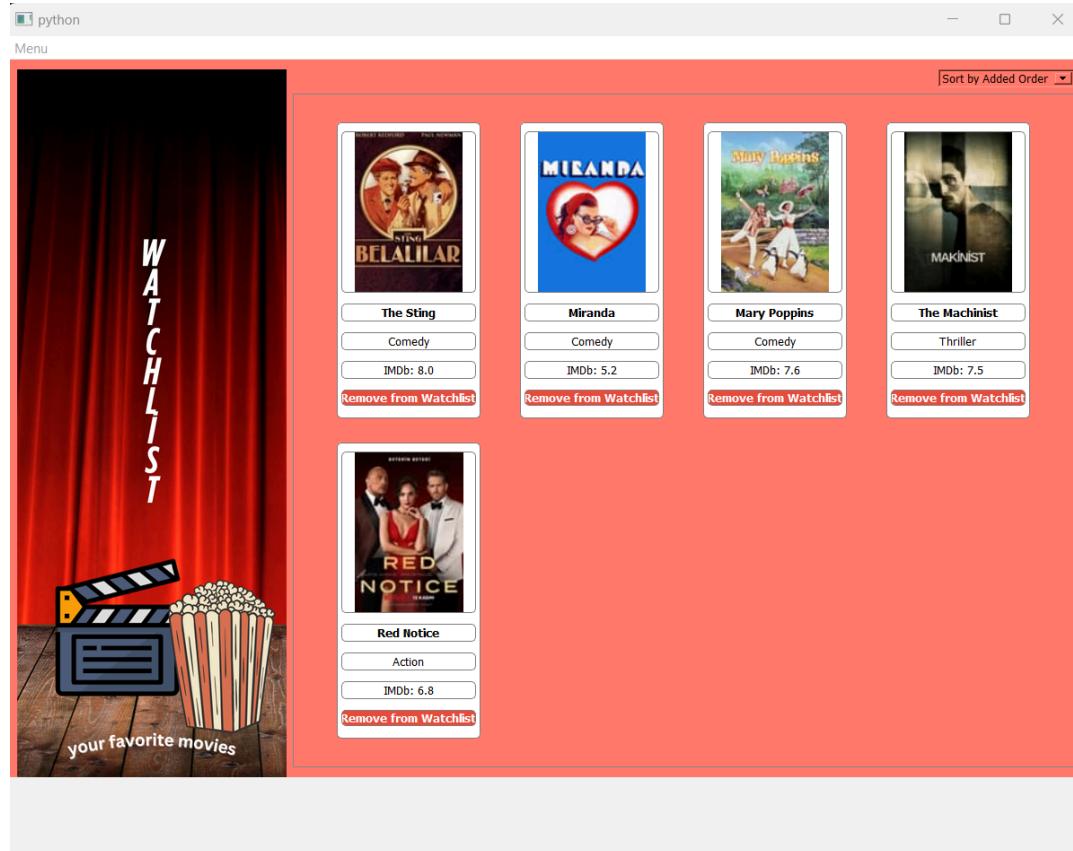


-filtering example

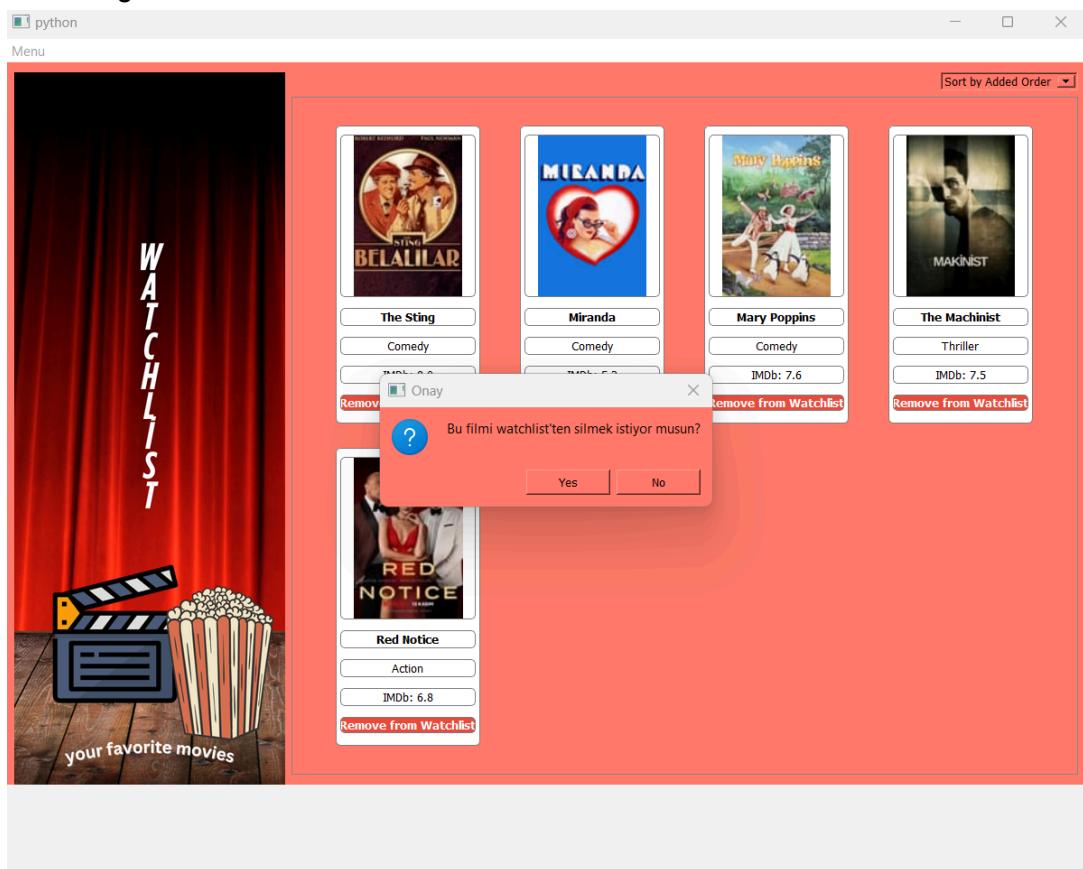
-adding to watchlist



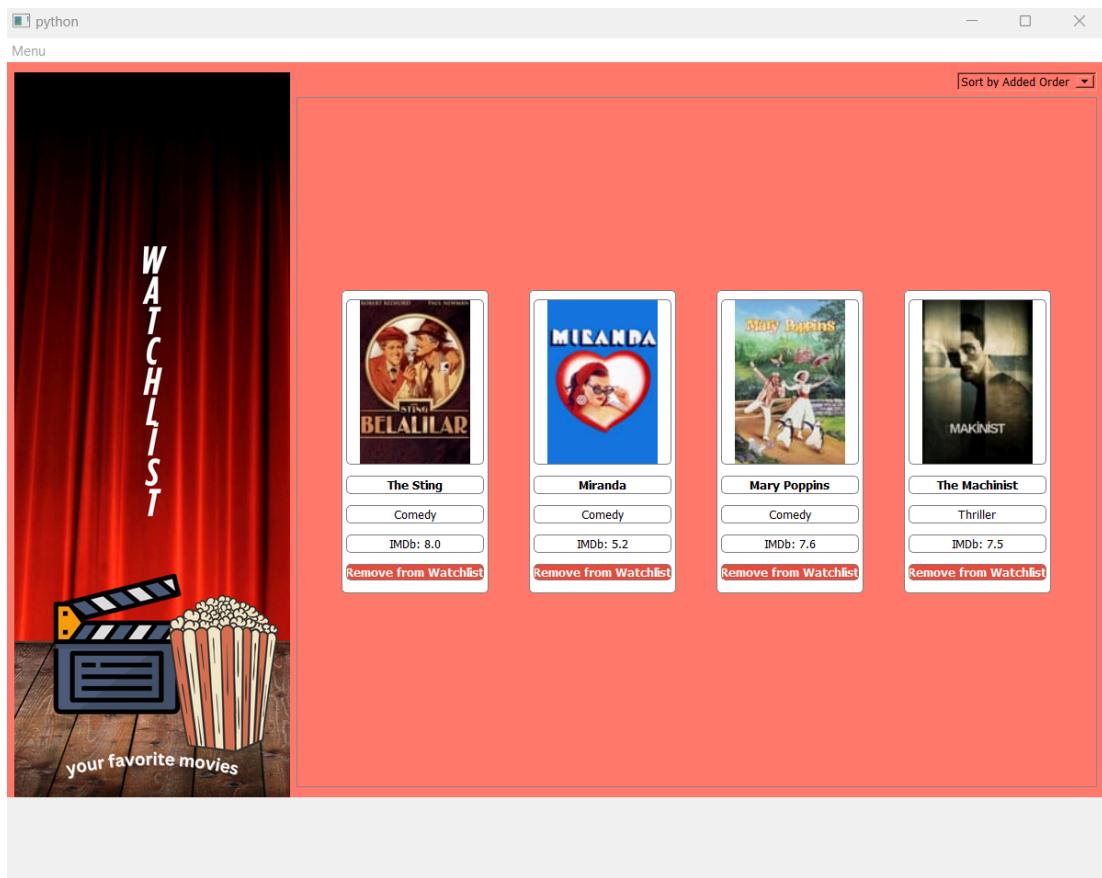
-watchlist page functions



-removing from watchlist



-updated page



-sorted list in watchlist

