Movie Catalog Console App

**1.Overview:**

Console application using third-party API serving as a movie catalog. User interface is in-console type and works with written commands.

**2.Structure:**

Data is extracted by the API and then operated on by the application. Once the data is extracted it is saved to an in-memory collection for further use and manipulation (listing, sorting, searching etc.).

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**3.Features:**

***3.1.Features operating on TMDB’s database\*:***

2.1.1.Search – User is able to search for movies/TV series by title using the API’s GET methods “/search”, “/find”, “/discover”.

2.1.2.List by – User is able to list movies/TV series by the following attributes:

- Genre

- Release Year

- Actor

- Director

2.1.3.Sorting – User is able to sort movies/TV series by the following parameters:

- Release Year

- Title

- Rating

\*All of the operations on the TMDB’s database will support multiple command stacking as well as performing them on a the whole database individually.

***3.2.Features operating on User's Watch List:***

3.2.1.Search – User is able to search for movies/TV series by title in the user’s watch list.

3.1.2.List by – User is able to list movies/TV series by the following attributes:

- Genre

- Release Year

- Actor

- Director

3.2.3.Sorting – User is able to sort movies/TV series by the following parameters:

- Release Year

- Title

- Rating