IMDB Most popular Films and series

This dataset contains different data about the most popular films and series. The main idea of this app is to help people to choose film by their preferences.

Data model

Data fields

- Name: This is the name of film or series (string)
- Date: Creation date (int)
- Rate: IMDB's Rate (double)
- Votes: Number of voters (float)
- Genre: Genre of this film (string). More than one genre in film, which are separated by comma
- Duration: Duration of the episode or film (int)
- Type: Is this a film or series (string)
- Certificate: string

Interpretation of certificates

TV-Y: Designed to be appropriate for all children
TV-Y7: Suitable for ages 7 and up
G: Suitable for General Audiences
TV-G: Suitable for General Audiences
PG: Parental Guidance suggested
TV-PG: Parental Guidance suggested
PG-13: Parents strongly cautioned. May be Inappropriate for ages 12 and under.
TV-14: Parents strongly cautioned. May not be suitable for ages 14 and under.
R: Restricted. May be inappropriate for ages 17 and under.
TV-MA: For Mature Audiences. May not be suitable for ages 17 and under.
NC-17: Inappropriate for ages 17 and under

- Nudity: the amount of nudity in film or series (string)
- Violence: the amount of violence in film or series (string)

Features:

1)Adding a new film

The application should have a "Add Movie" button. By clicking on it, the person goes to the window in which he fills in all the information about the new movie.

2)Searching information about film by its name

The application should have a search box. After entering the name of the movie or series, a window with full information about the movie should pop up.
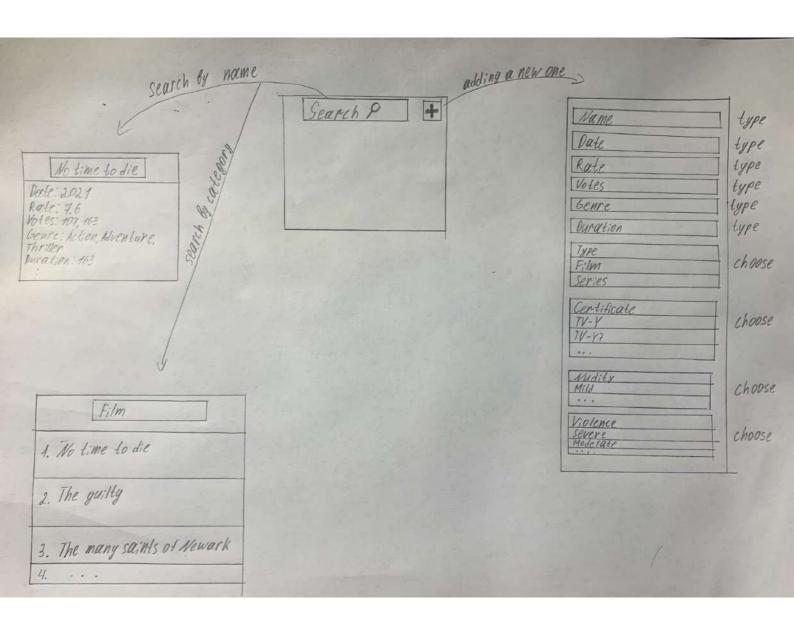
3)Searching films or series according to its characteristics
After entering the genre or release date of a movie or series, a list of all series or movies that have the same characteristics should be displayed. For example, I type films and this app give me all films or I may type drama and this app has to give me a list of dramas.

Interesting ideas:

You can add an error window if not one of all the movies or TV shows does not fit the parameters.

You can write a complete interpretation of certificates in the search box by name.

You can add an error window after adding a new movie if the new movie is already present in the table.

search by name

adding a new one →

Search P [+]

Name		type
Date		type
Rate		type
Votes		type
Genre		type
Duration		type

Type	
Film		choose
Series	

Certificate	
TV-Y		choose
TV-Y7	
...	

Nudity		choose
Mild	
...	

Violence		choose
Severe	
Moderate	
...	

search by category

No time to die

Date: 2021
Rate: 7.6
Votes: 103, 163
Genre: Action, Adventure, Thriller
Duration: 163
:

Film

1. No time to die

2. The guilty

3. The many saints of Newark

4. . . .

If there are problems with the data, here is a link to the data. I have removed all lines after 99 and columns (episodes, profanity, alcohol, frightening).

https://www.kaggle.com/datasets/mazenramadan/imdb-most-popular-films-and-series