

A Movies/TV shows Listing Page

Question

Create a web page that helps users discover movies and TV shows easily. Implement the following features:

1. List
 - a. 20 most popular movies/TV shows.
 - b. 20 most trending movies/TV shows.
 - c. 20 newest movies/TV shows.
 - d. 20 highest rated movies/TV shows.
2. Allow filtering by
 - a. Type of media - movies/TV shows.
 - b. Genre.
 - c. Year (from and to).
 - d. Rating.
3. Allow searching by movie/TV show title.

API

Explore the API documentation provided here as required:

<https://developers.themoviedb.org/3/getting-started/introduction>

Use the following key for making API calls:

3a94078fb34b772a31d9a1348035bed7

Here's a sample request/response to start with:

Request:

https://api.themoviedb.org/3/discover/movie?api_key=3a94078fb34b772a31d9a1348035bed7&language=en-US&sort_by=popularity.desc&include_adult=false&include_video=false&page=1

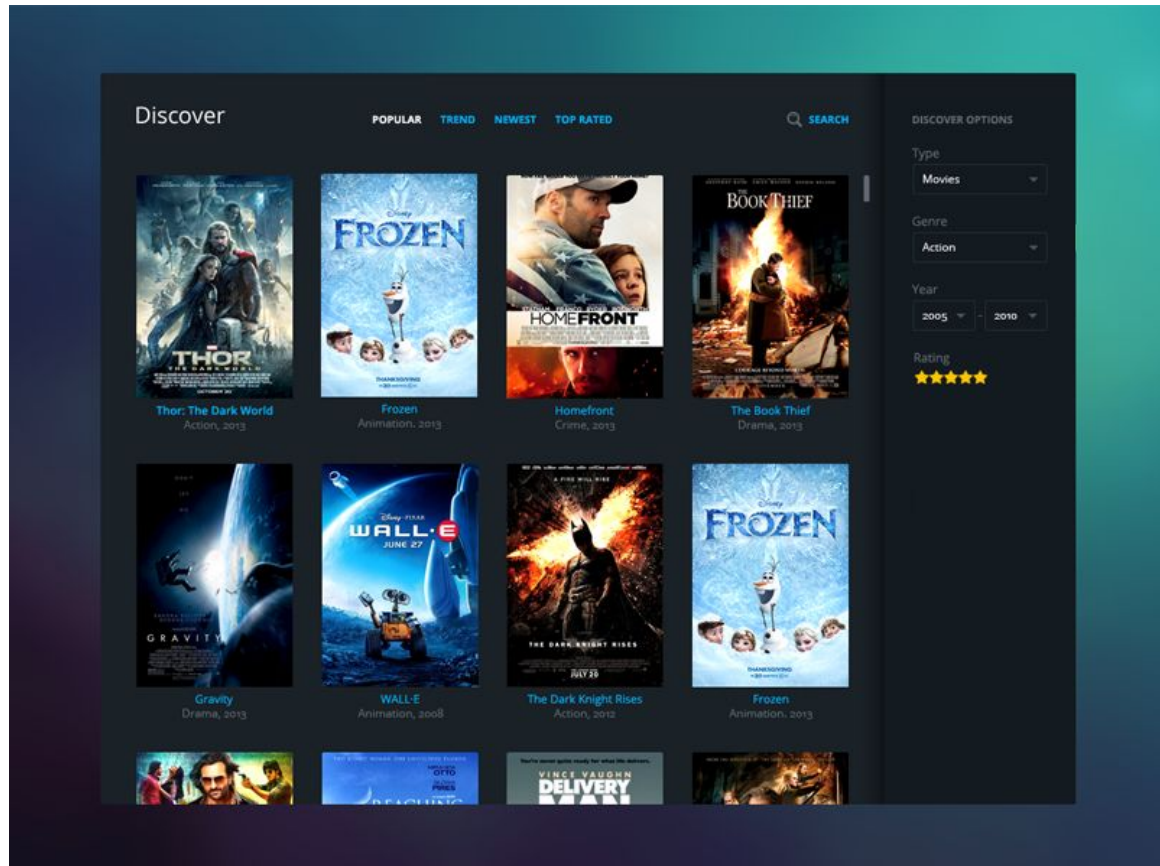
Response (truncated for brevity):

```
{
  "page": 1,
  "total_results": 10000,
  "total_pages": 500,
  "results": [
    {
      "popularity": 568.124,
      "vote_count": 165,
      "video": false,
      "poster_path": "/zfE0R94v1E8cuKAerbskfD3VfUt.jpg",
      "id": 474350,
      "adult": false,
      "backdrop_path": "/4W0FnjSGn4x0mKZlBRx8OjFxQUM.jpg",
      "original_language": "en",
      "original_title": "It Chapter Two",
      "genre_ids": [
        27
      ],
      "title": "It Chapter Two",
      "vote_average": 7.3,
      "overview": "27 years after overcoming the malevolent supernatural entity Pennywise, the former members of the Losers' Club, who have grown up and moved away from Derry, are brought back together by a devastating phone call.",
      "release_date": "2019-09-06"
    },
    ...
  ]
}
```

Note: This is a public API and has a limit of 40 requests every 10 seconds.

Design/UX

Use the following as a reference:



Instructions

- Use a framework of your choice or vanilla JS.
- Use CSS, LESS or SASS for styles.
- Include instructions on how to run your app.

Judging Criteria

- Functionality.
- Progress made in given time.
- How close is it to the provided design/UX?
- Code structuring and modularity.
- Extra points for typescript!

Time limit - 2 days