Video Catalog

Time to Solve the Problem: 2 hours

Create a React app to fetch movies using the OMDB API. The app will have 2 main features
1. Search for videos using a search term - http://www.omdbapi.com/?s=<search_terms> &apikey=<apikey> where search term is URL encoded search terms (like **american**), and apikey is you API key
2. Search by video type – OMDB define 3 types for videos – movie, series and episode – you should provide for filtering based on these; or no filtering if user selects ALL (see mocks below) – http://www.omdbapi.com/?s=<search_terms>&type=<type>&apikey=<apikey>

Detailed documentation of the search parameters is available at http://www.omdbapi.com/

On initial page load, the word **american** is filled in the search input and the search results are displayed for it. The filter is ANY (no filtering by type). When new search terms are entered and the Search button is pressed / a new filter button is pressed, an API request goes out to fetch the results based on the latest search terms and latest selected filter, and the results are displayed in tabular fashion.

Generating an API key
You will need to generate an API key by using registering at http://www.omdbapi.com/apikey.aspx. Then check your email for the API key. You need to first click on the verification link to activate the key. You can then include the API key using the **apikey** query string parameter in any requests.

Notes
1. There is a limit of 1000 hits on daily usage for free tier – please make sure you do not exceed this due to some glitch in your code (if you do then you need to generate a new API key using a different email id).
2. The API supports pagination - only 10 results are returned by default. You need to fetch and display only the first page results on every query. The app should display appropriate page loading and error messages.

For making Ajax calls please use either **axios** or **Fetch API**. You may use Bootstrap to construct the UI.