React js
Lecture 3

Agenda

- Recap last lecture
- Routing
- Axios
- API Integration
- Questions!

Routing

Routing is the capacity to show different pages to the user. That means the user can move between different parts of an application by entering a URL or clicking on an element.

to install it first :

npm install react-router-dom@5

https://v5.reactrouter.com/web/example/basic

Routing Hooks

React Router ships with a few hooks that let you access the state of the router and perform navigation from inside your components.

useHistory:The useHistory hook gives you access to the history instance that you may use to navigate

useParams : useParams returns an object of key/value pairs of URL parameters.

Axios

Promise based HTTP client for the browser and node.js

Installation : `npm install axios`

Creating instance for shared config :

```
export const instance =
axios.create({
  baseURL: 'API BASE URL',
});
```

Lab

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1.Add navbar with link for different pages as shown in task:

Create account in the movie db website:

https://www.themoviedb.org/login

2.Get movies list using API:

https://api.themoviedb.org/3/movie/popular?api_key

=**{apiKey}**

3.Using dynamic routes get movie details data usingAPI:

https://api.themoviedb.org/3/movie/880009?api_key={api Key}

Where **880009 is the movie ID**

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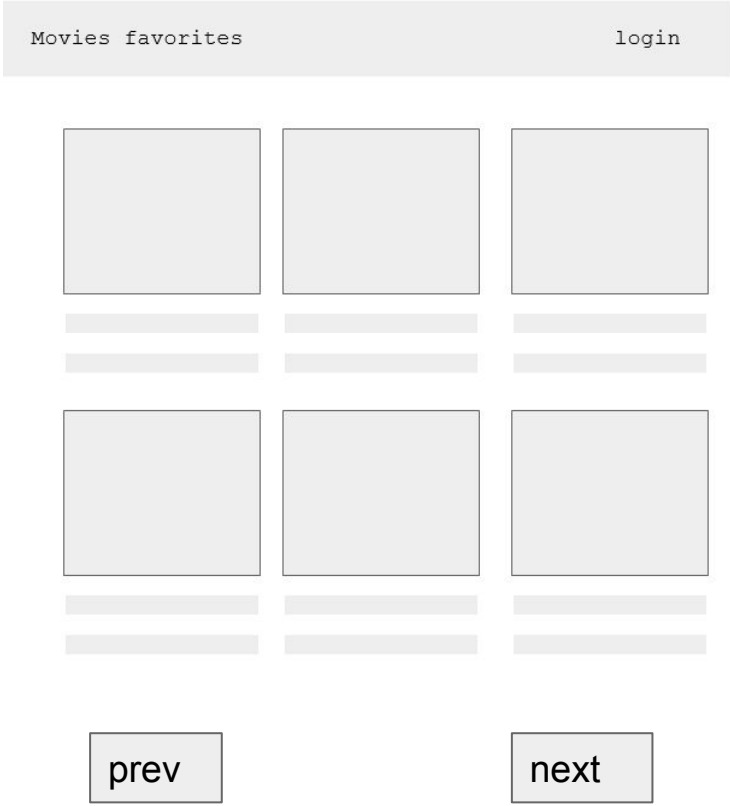
4.Handle pagination by send query params to url called **page:**

https://api.themoviedb.org/3/movie/popular?api_key=7a1c19ea3c361a4d3cc53eb70ef8298c&page=4

5. Apply search for movies using the following api:**[Bonus]**

https://api.themoviedb.org/3/search/movie?api_key=7a1c19ea3c361a4d3cc53eb70ef8298c&query={MovieName}

6.Make Favorites route a guarded route **[Bonus]**



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For images please add static url part to img src before poster_path key

https://image.tmdb.org/t/p/w500/${poster_path}

Movies DB link:

https://developers.themoviedb.org/3/movies/get-popular-movies

Thank you