

REACT JS

LECTURE 3

By Mona Soliman

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

LAB >>

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

Movies favorites

login register

A 2x3 grid of empty boxes for drawing. Each box is a square with a thin black border. Below each square box are two horizontal rectangular bars, one above the other, also with thin black borders. There are six such pairs of bars, one pair under each square box.

LAB >>

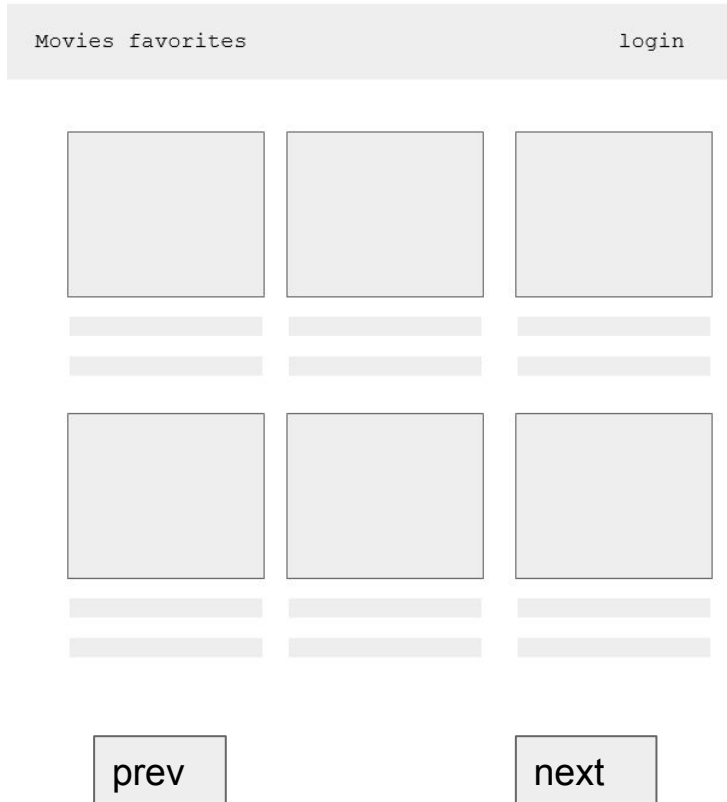
4. Handle pagination by send query params to url called **page**:

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]**



LAB >>

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

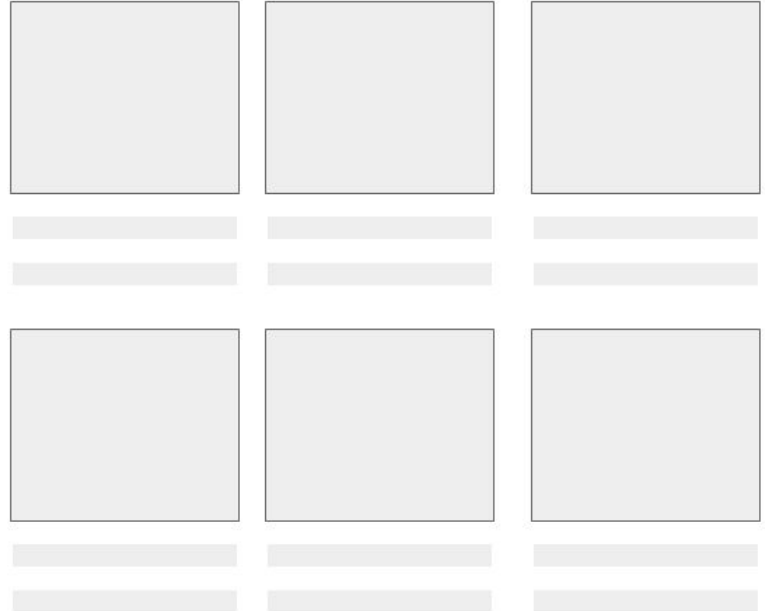
[https://image.tmdb.org/t/p/w500/\\${poster_path}](https://image.tmdb.org/t/p/w500/${poster_path})

Movies DB link:

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

Movies favorites

login



THANK YOU