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CRUD Project NOTE

Prerequisites:

Download and install NodeJS

Steps:

Where you want to make project, write in command prompt

npx create-react-app appname

Load your app to VSCode

In package.json you will get all installed packages.

Inside the App write following command to start app or wrote in Vscode powershell

npm start

Actually index.html just contain a div and it load others component to that div using index.js🡪 loads App component to root div

To add bootstarp with react

npm i react-bootstrap

Then import bootstarp in side App.js as follows

import '../node\_modules/bootstrap/dist/css/bootstrap.css';

All pages as a Component. We can create a folder inside src>components>pages then pages inside that folder. Structure of all pages more or less same.

We cane make other folders for layouts also

src>components>layouts

src>components>users

<NavLink> instaed of <a> avoid again and again loding

For CRUD test, for this time we will use json-server

npm i json-server

Outside of all folders make a file db.json for Database Paste Json Plceholder code inside db.json from following link

https://jsonplaceholder.typicode.com/users

Inside packeage.json write following code inside scripts , you should indicate port because it should run another port than default port, coz react is running on that port.

"json-server": "json-server --watch db.json --port 3004",

  "scripts": {

    "start": "react-scripts start",

    "json-server": "json-server --watch db.json --port 3004",

    "start:dev": "concurrently \"npm start\" \"npm run jeson-server\"",

    "build": "react-scripts build",

    "test": "react-scripts test",

    "eject": "react-scripts eject"

  },

Then you can run json-server as follows

npm run json-server

Axios is used for get post request install axios to your app

npm i axios

Now you have to work inside Home.js

Try to understand

import React, { useState, useEffect } from "react";

<https://www.youtube.com/watch?v=eJyZ7k6lWfE&t=2714s>

<https://www.npmjs.com/package/json-server>

Learn:

Hook

useState

Install Json Server

Install axios

Note : to run data you must have to run json server

npm run json-server

Learning React

Class Component VS Functional Component: look study purpose project:

<https://www.geeksforgeeks.org/differences-between-functional-components-and-class-components-in-react/>

React JS state and Probs VS State:

<https://www.geeksforgeeks.org/reactjs-rendering-elements/>

<https://www.geeksforgeeks.org/reactjs-state-react/>

React Props:

<https://www.geeksforgeeks.org/reactjs-props-complete-reference/>

This tome I skeeped props

Constructor:

<https://www.geeksforgeeks.org/react-js-constructor-method/>

Here is also idea about super(props)

Bind():

Super():

React.DOM:

* <https://www.geeksforgeeks.org/reactjs-reactdom/#:~:text=What%20is%20ReactDOM%3F,elements%20of%20the%20web%20page>.
* render()

https://www.geeksforgeeks.org/explain-the-purpose-of-render-in-reactjs/

* findDOMNode()
* unmountComponentAtNode()
* hydrate()
* createPortal()

ES6:

Hooks: