ReactJS. Front to backend. BT 2022
Project 2 - Github-finder

https://github.com/PacktPublishing/React-Front-to-Back-2022

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1.1 Intro

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1.2.1 Tailwind

First of all you need to create a new project

CLI=> *npx create-react-app github-finder --use-npm*

Go to the new folder (github-finder)

CLI=> *npm install -D tailwindcss postcss autoprefixer*

CLI=> *npx tailwindcss init -p*

Open file **tailwind.config.js** and paste

```
/** @type {import('tailwindcss').Config} */
module.exports = {
  content: [
    "./src/**/*.{js,jsx,ts,tsx}",
  ],
  theme: {
    extend: {},
  },
  plugins: [],
}
```

Open **index.css**

```
@tailwind base;
@tailwind components;
@tailwind utilities;
```
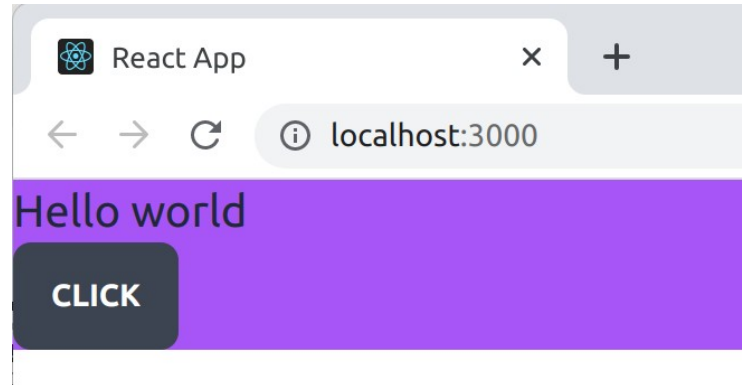
1.2.2 Daisy UI

CLI=> *npm i daisyui*

Open file **tailwind.config.js**

```
plugins: [require('daisyui')],
```

Now you can start your react app using npm start.

Change main component App.js => App.jsx (to be able to work with tag plugin)

```jsx
import logo from './logo.svg';
import './App.css';

function App() {
  return (
    <div className='bg-purple-500'>
      <h1 className='text-xl'>Hello world</h1>
      <button className='btn'>Click</button>
    </div>
  );
}

export default App;
```
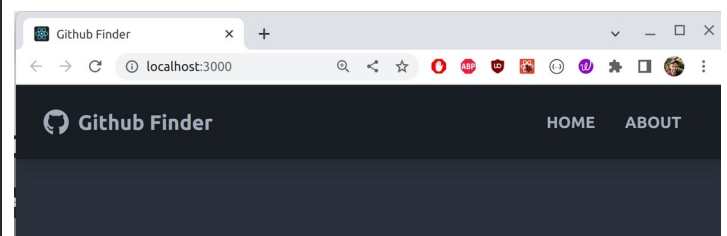
1.3 Navbar component

You need to install react-router-dom and react-icons

CLI=> *npm i react-router-dom react-icons*

Create a new **Navbar.jsx** component in github-finder/src/**components/layout**

```jsx
import { FaGithub } from 'react-icons/fa';
import { Link } from 'react-router-dom';
import PropTypes from 'react';

const Navbar = ({ title }) => {
  return (
    <nav className='navbar mb-12 shadow-lg bg-neutral text-neutral-content'>
      <div className='container mx-auto'>
        <div className='flex-none px-2 mx--2'>
          <FaGithub className='inline pr-2 text-3xl' />
          <Link to='/' className='text-lg font-bold align-middle'>
            {title}
          </Link>
        </div>
        <div className='flex-1 px-2 mx--2'>
          <div className='flex justify-end'>
            <Link to='/' className='btn btn-ghost btn-sm rounded-btn'>
              Home
            </Link>
            <Link to='/' className='btn btn-ghost btn-sm rounded-btn'>
              About
            </Link>
          </div>
        </div>
      </div>
    </nav>
  );
};
Navbar.defaultProps = {
  title: 'Github Finder',
};
Navbar.propTypes = {
  title: PropTypes.string,
};
export default Navbar;
```

```jsx
import { BrowserRouter as Router, Route } from 'react-router-dom';
import Navbar from './components/layout/Navbar';
const App = () => {
  return (
    <Router>
      <div className='flex flex-col justify-between h-screen'>
        <Navbar />
        <main>content</main>
      </div>
    </Router>
  );
};

export default App;
```


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1.4 Footer component

```
Footer.jsx U ×
src > components > layout > Footer.jsx > ...
  1   const Footer = props => {
  2       const footerYear = new Date().getFullYear();
  3       return (
  4           <footer className='footer p-10 bg-gray-700 text-ptrimary-content footer-center'>
  5               <div>
  6                   <svg
  7                       width='50'
  8                       height='50'
  9                       viewBox='0 0 24 24'
 10                       xmlns='http://www.w3.org/2000/svg'
 11                       fillRule='evenodd'
 12                       clipRule='evenodd'
 13                       className='inline-block fill-current'
 14                   >
 15                       <path d='M22.672 15.226l-2.432.811.841 2.515c.33 1.019-.209 2.127-1.23 2.456-1.15-.
                        325-2.148-.321-2.463-1.226l-.84-2.518-5.013 1.677.84 2.517c.391 1.203-.434 2.542-1.
                        831 2.542-.88 0-1.601-.564-1.86-1.314l-.842-2.516-2.431.809c-1.135.328-2.145-.317-2.
                        463-1.229-.329-1.018.211-2.127 1.231-2.456l2.432-.809-1.621-4.823-2.432.808c-1.355.
                        384-2.558-.59-2.558-1.839 0-.817.509-1.582 1.327-1.846l2.433-.809-.842-2.515c-.33-1.
                        02.211-2.129 1.232-2.458 1.02-.329 2.13.209 2.461 1.229l.842 2.515 5.011-1.677-.
                        839-2.517c-.403-1.238.484-2.553 1.843-2.553.819 0 1.585.509 1.85 1.326l.841 2.517 2.
                        431-.81c1.02-.33 2.131.211 2.461 1.229.332 1.018-.21 2.126-1.23 2.456l-2.433.809 1.
                        622 4.823 2.433-.809c1.242-.401 2.557.484 2.557 1.838 0 .819-.51 1.583-1.328 1.
                        847m-8.992-6.428l-5.01 1.675 1.619 4.828 5.011-1.674-1.62-4.829z'></path>
 16                   </svg>
 17                   <p>Copyright &copy; {footerYear} All rights reserved</p>
 18               </div>
 19           </footer>
 20       );
 21   };
 22
 23   export default Footer;
```

```
App.jsx M ×
src > App.jsx > ...
  1   import { BrowserRouter as Router, Route } from 'react-router-dom';
  2   import Navbar from './components/layout/Navbar';
  3   import Footer from './components/layout/Footer';
  4   const App = () => {
  5       return (
  6           <Router>
  7               <div className='flex flex-col justify-between h-screen'>
  8                   <Navbar />
  9                   <main className='container mx-auto px-3 pb-12'>content</main>
 10                   <Footer />
 11               </div>
 12           </Router>
 13       );
 14   };
 15
 16   export default App;
```