

LAPORAN ACTIVITY

Mata Praktikum : Pemrograman Web
Kelas : 3IA24
Praktikum ke- : 2
Tanggal : 28 November 2023
Materi : ReactJS
NPM : 50421704
Nama : Juan Samuel Christopher
Ketua Asisten : Noviyanto Ramadhanu
Nama Asisten :
Paraf Asisten :
Jumlah Lembar : 5



LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

2023

LISTING

- app.js

```
act2 > src > JS App.js > ...
1  import './App.css';
2  import HomePage from './pages/HomePage';
3  import DataMahasiswaPage from './pages/DataMahasiswaPage';
4  import { BrowserRouter, Routes, Route } from 'react-router-dom';
5
6  function App() {
7    return (
8      <BrowserRouter>
9        <Routes>
10         <Route path="/" element={<HomePage />} />
11         <Route path="/data_mhs" element={<DataMahasiswaPage />} />
12       </Routes>
13     </BrowserRouter>
14   );
15 }
16
17 export default App;
18
```

- index.js

```
act2 > src > JS index.js > ...
1  import React from 'react';
2  import ReactDOM from 'react-dom/client';
3  import App from './App';
4
5  const root = ReactDOM.createRoot(document.getElementById('root'));
6  root.render(
7    <React.StrictMode>
8      <App />
9    </React.StrictMode>
10  );
```

- **components**

```

312 > src > components > @ NavbarComponent.js > @ NavbarComponent
1   import React, { useState } from "react";
2   import { FaBars } from "react-icons/fa";
3
4   const NavbarComponent = () => {
5     const [navbarOpen, setNavbarOpen] = useState(false);
6
7     return (
8       <div className="font-montserrat">
9         <nav className="relative flex flex-wrap items-center justify-between py-1 bg-white mb-3 z-10 shadow">
10           <div className="container mx-auto flex flex-wrap items-center justify-between">
11             <div className="w-full relative flex justify-between lg:w-auto lg:static lg:block lg:justify-start">
12               <a
13                 className="text-2xl md:text-xl font-bold leading-relaxed inline-block mr-4 py-2 whitespace-nowrap text-purple-700"
14                 href="#home">
15                 </a>
16               <button
17                 className="text-purple-700 cursor-pointer text-xl leading-none px-3 py-1 border
18                 border-solid border-transparent rounded bg-transparent block lg:hidden outline-none focus:outline-none"
19                 type="button"
20                 onClick={() => setNavbarOpen(!navbarOpen)}>
21                 </button>
22             </div>
23             <div>
24               <div>
25                 </div>
26               </div>
27             </div>
28             <div>
29               <div>
30                 </div>
31               </div>
32             </div>
33           </nav>
34           <div>
35             <div>
36               </div>
37             </div>
38           </div>
39         </div>
40       </div>
41     );
42   };
43
44   export default NavbarComponent;

```

- Pages

```
act2 > src > pages > DataMahasiswaPage.jsx > ...
1   import Layout from "../Layout";
2
3   export default function DataMahasiswaPage() {
4     return (
5       <Layout>
6         <div>Ini DataMahasiswa</div>
7       </Layout>
8     );
9   }
```

```
act2 > src > pages > HomePage.jsx > ...
1   import React from "react";
2   import Layout from "../Layout";
3
4   const HomePage = () => {
5     return (
6       <Layout>
7         <div className="flex w-full justify-center items-center min-h-screen">
8           <div className="text-center">
9             <div className="text-3xl font-semibold">
10              <p>Juan Samuel C 743</p>
11            </div>
12            <div className="text-lg mt-2">
13              <a
14                href="/data_mhs"
15                className="bg-purple-500 hover:bg-purple-700 text-white px-4 py-2 rounded-lg"
16              >
17                Go to Data Mahasiswa Page
18              </a>
19            </div>
20          </div>
21        </div>
22      </Layout>
23    );
24  };
25
26  export default HomePage;
27
```

```
act2 > src > pages > Layout.jsx > ...
1   import React from "react";
2   import NavbarComponent from "../components/NavbarComponent";
3
4   const Layouts = ({ children }) => {
5     return (
6       <React.Fragment>
7         <NavbarComponent/>
8         <div className="">
9           <main>{children}</main>
10        </div>
11      </React.Fragment>
12    );
13  };
14
15  export default Layouts;
16
```

OUTPUT

