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NIM : **A11.2022.14016**

Matkul : **Pemrograman Sisi Klien**

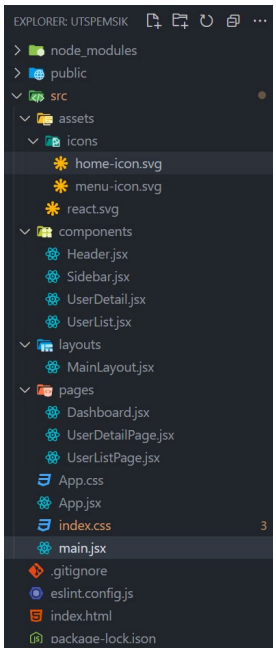
Kelompok : **A11.4702**

Ujian Tengah Semester

Repository Github : https://github.com/dafasultan/utspemsik.git

Code dan Hasil Program :

Struktur Folder



App.jsx

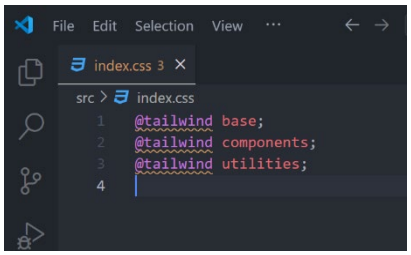
App.jsx

```jsx
// src/App.jsx
import { BrowserRouter as Router, Routes, Route } from "react-router-dom";
import MainLayout from "./layouts/MainLayout";
import Dashboard from "./pages/Dashboard";
import UserListPage from "./pages/UserListPage";
import UserDetailPage from "./pages/UserDetailPage";

function App() {
  return (
    <Router>
      <MainLayout>
        <Routes>
          <Route path="/dashboard" element={<Dashboard />} />
          <Route path="/user-list" element={<UserListPage />} />
          <Route path="/user-detail/:userId" element={<UserDetailPage />} />
        </Routes>
      </MainLayout>
    </Router>
  );
}

export default App;
```

index.css



Pages/Dashboard.jsx

App.jsx Dashboard.jsx

src > pages > Dashboard.jsx > ...

```jsx
// src/pages/Dashboard.jsx
const Dashboard = () => (
  <div className="p-6 bg-white rounded-lg shadow-md">
    <h2 className="text-xl font-bold">Selamat Datang di Dashboard</h2>
    <p className="mt-4 text-gray-600">
      Ini adalah halaman utama dari aplikasi Anda.
    </p>
  </div>
);

export default Dashboard;
```

pages/UserDetailPage.jsx

App.jsx UserDetailPage.jsx

src > pages > UserDetailPage.jsx > ...

```jsx
// src/pages/UserDetailPage.jsx
import { useParams } from "react-router-dom";
import { useEffect, useState } from "react";
import UserDetail from "../components/UserDetail";

const UserDetailPage = () => {
  const { userId } = useParams();
  const [user, setUser] = useState(null);

  useEffect(() => {
    fetch(`https://jsonplaceholder.typicode.com/users/${userId}`)
      .then((response) => response.json())
      .then((data) => setUser(data));
  }, [userId]);

  return user ? <UserDetail user={user} /> : <p>Loading...</p>;
};

export default UserDetailPage;
```

pages/UserListPage.jsx

UserListPage.jsx

src > pages > UserListPage.jsx > ...

```jsx
// src/pages/UserListPage.jsx
import { useEffect, useState } from "react";
import UserList from "../components/UserList";

const UserListPage = () => {
  const [users, setUsers] = useState([]);

  useEffect(() => {
    fetch("https://jsonplaceholder.typicode.com/users")
      .then((response) => response.json())
      .then((data) => setUsers(data));
  }, []);

  return <UserList users={users} />;
};

export default UserListPage;
```

layouts/MainLayout.jsx

MainLayout.jsx

src > layouts > MainLayout.jsx > MainLayout

```jsx
// src/layouts/MainLayout.jsx
import Sidebar from "../components/Sidebar";
import Header from "../components/Header";

const MainLayout = ({ children }) => (
  <div className="flex h-screen">
    <Sidebar />
    <div className="flex flex-col flex-1">
      <Header userName="Admin" />
      <main className="p-6 bg-blue-50 flex-1 rounded-lg m-4">{children}</main>
    </div>
  </div>
);

export default MainLayout;
```

Components

UserList.jsx

UserList.jsx

src > components > UserList.jsx > ...

```jsx
// src/components/UserList.jsx
import { Link } from "react-router-dom";

const UserList = ({ users }) => (
  <div className="p-4">
    <h2 className="text-xl font-bold mb-4">User List</h2>
    <ul className="space-y-2">
      {users.map((user) => (
        <li key={user.id} className="p-4 bg-gray-100 rounded shadow">
          <Link to={`/user-detail/${user.id}`} className="font-semibold">
            {user.name}
          </Link>
        </li>
      ))}
    </ul>
  </div>
);

export default UserList;
```

UserDetail.jsx

UserDetail.jsx

src > components > UserDetail.jsx > ...

```jsx
// src/components/UserDetail.jsx
const UserDetail = ({ user }) => (
  <div className="p-4">
    <h2 className="text-xl font-bold mb-4">User Detail</h2>
    <p>
      <strong>Name:</strong> {user.name}
    </p>
    <p>
      <strong>Email:</strong> {user.email}
    </p>
    <p>
      <strong>Phone:</strong> {user.phone}
    </p>
  </div>
);

export default UserDetail;
```

Sidebar.jsx

Sidebar.jsx

src > components > Sidebar.jsx > Sidebar

```jsx
// src/components/Sidebar.jsx
import { Link } from "react-router-dom";

const Sidebar = () => (
  <div className="bg-blue-100 text-gray-700 w-64 h-full flex flex-col p-4">
    <div className="flex items-center mb-6">
      <span className="text-lg font-semibold">Dashboard</span>
    </div>
    <div className="mt-4 space-y-2">
      <Link
        to="/dashboard"
        className="flex items-center p-2 text-sm hover:bg-blue-200 rounded"
      >
        <img
          src="src/assets/icons/home-icon.svg"
          alt="Dashboard Icon"
          className="h-5 w-5 mr-2"
        />
        Dashboard
      </Link>
      <Link
        to="/user-list"
        className="flex items-center p-2 text-sm hover:bg-blue-200 rounded"
      >
        <img
          src="src/assets/icons/menu-icon.svg"
          alt="Menu Icon"
          className="h-5 w-5 mr-2"
        />
        Menu
      </Link>
    </div>
  </div>
);

export default Sidebar;
```

Header.jsx

Header.jsx

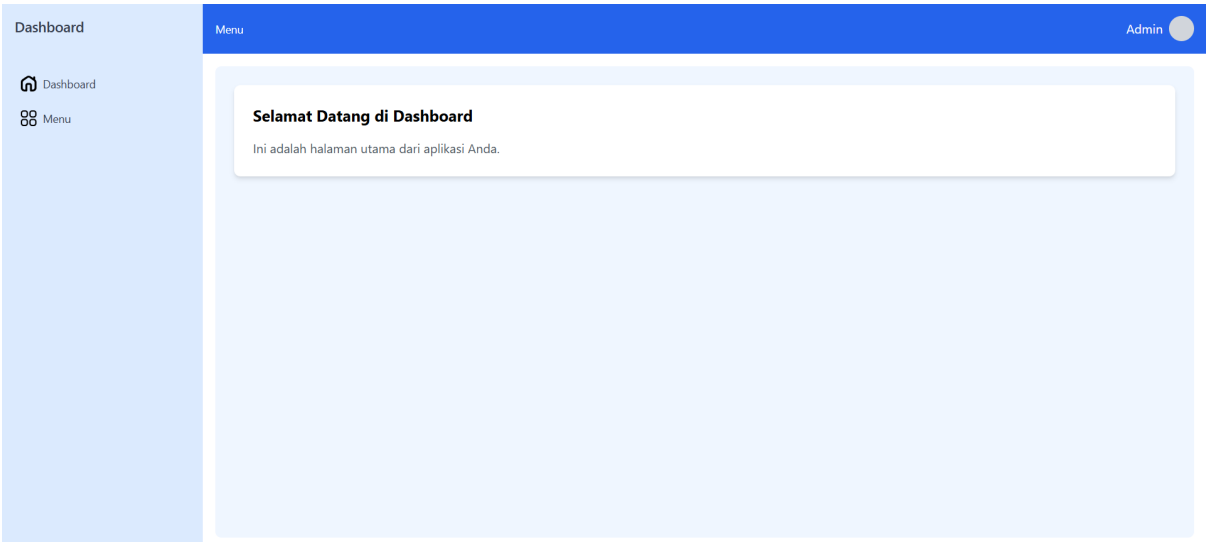
src > components > Header.jsx > Header

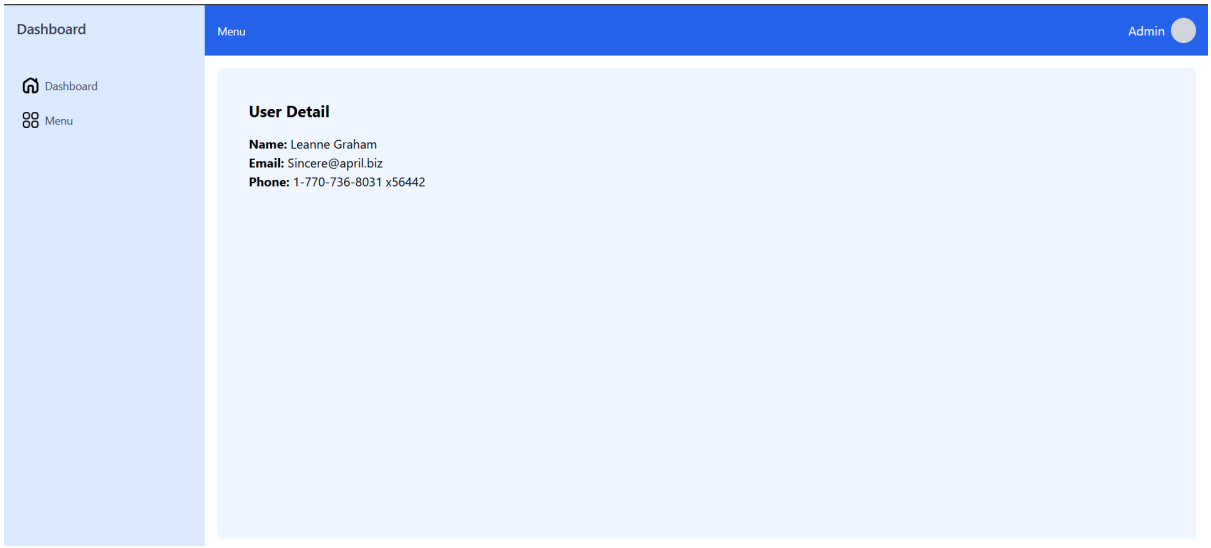
```jsx
// src/components/Header.jsx
const Header = ({ userName }) => (
  <header className="bg-blue-600 text-white p-4 flex justify-between items-center">
    <div className="text-sm">Menu</div>
    <div className="flex items-center space-x-2">
      <span>{userName}</span>
      <div className="h-8 w-8 bg-gray-300 rounded-full" />
    </div>
  </header>
);

export default Header;
```

Hasil

Dashboard



Menu

User Detail Page