



# MODUL WEB PROGRAMMER (REACT JS)

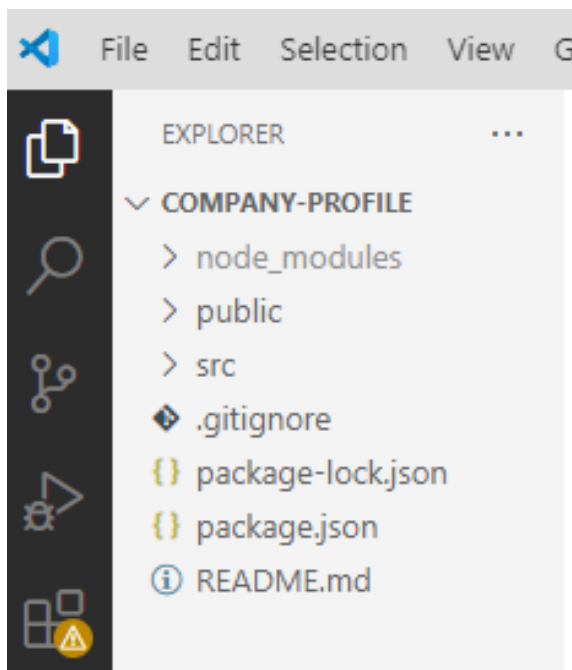
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# Tugas I

- Buat project baru my-profile-app
- Isinya adalah profile pribadi (website pribadi)
- Minimal terdiri dari 4 Page, misal : Home, About Me, Contact, Projects
- Gunakan layout yang menarik, foto diri, bisa melihat ide di internet
- Bisa menggunakan library seperti:
  - Bootstrap : <https://react-bootstrap.netlify.app/>
  - MUI : <https://mui.com/>
  - Ant Design : <https://ant.design/>
  - Prime React: <https://primereact.org/>
  - Atau CSS sendiri

# Praktik SPA Company Profile (statis)

1. Buka CMD arahkan ke folder **belajar\_react** yang telah dibuat
2. Buat Project Baru: **npx create-react-app company-profile**
3. Buka VSCode, File -> Open Folder -> (select) company-profile. Pastikan di VSCode seperti ini:



## Praktik SPA Company Profile (statis)

4. Di VSCode pilih view -> Terminal, install dependencies  
**npm install react-bootstrap bootstrap react-router-dom react-router-bootstrap**
5. Buka index.js ganti css = **import 'bootstrap/dist/css/bootstrap.min.css';**
6. Di file public/index.html, ganti **title** dan **description**
7. Di folder src buat 4 buah file : Home.js, About.js, Contact.js, Projects.js, Header.js
8. Masing-masing di 4 file diatas buat isinya seperti gambar berikut:

# Praktik SPA Company Profile

```
JS Home.js U × JS About.js U JS Contact.js U JS Project.js U JS App.js M JS index.js M # App.css
src > JS Home.js > [🔍] default
1 function Home(){
2   return(
3     <div>
4       <h1>Welcome to My Company</h1>
5       <p>This is a simple React app to display the company's logo and name.</p>
6     </div>
7   );
8 }
9 export default Home;
```

```
JS Home.js U JS About.js U × JS Contact.js U JS Project.js U
src > JS About.js > [🔍] default
Tabnine | Edit | Test | Explain | Document | Ask | Open At
1 function About(){
2   return(
3     <div>
4       <h1>About Us</h1>
5       <p>description here</p>
6     </div>
7   );
8 }
9 export default About;
```

```
JS Home.js U JS About.js U JS Contact.js U × JS Project.js U
src > JS Contact.js > [🔍] Contact
1 function Contact(){
2   return(
3     <div>
4       <h1>Contact</h1>
5       <p>description here</p>
6     </div>
7   );
8 }
9 export default Contact;
```

# Praktik SPA Company Profile

```

JS Home.js U JS About.js U JS Contact.js U JS Project.js U X
src > JS Project.js > Project
1 function Project(){
2   return(
3     <div>
4       <h1>List Of Projects</h1>
5       <p>description here</p>
6     </div>
7   );
8 }
9 export default Project;

```

```

JS Header.js U X
src > JS Header.js > Header
1 import React from "react";
2 import { Navbar, Nav } from "react-bootstrap";
3 import { LinkContainer } from "react-router-bootstrap";
4 function Header() {
5   return (
6     <Navbar bg="light" expand="lg">
7       <LinkContainer to="/">
8         <Navbar.Brand>Company ABC</Navbar.Brand>
9       </LinkContainer>
10      <Navbar.Toggle aria-controls="basic-navbar-nav" />
11      <Navbar.Collapse id="basic-navbar-nav">
12        <Nav className="ml-auto">
13          <LinkContainer to="/">
14            <Nav.Link>Home</Nav.Link>
15          </LinkContainer>
16          <LinkContainer to="/about">
17            <Nav.Link>About</Nav.Link>
18          </LinkContainer>
19          <LinkContainer to="/contact">
20            <Nav.Link>Contact</Nav.Link>
21          </LinkContainer>
22          <LinkContainer to="/project">
23            <Nav.Link>Projects</Nav.Link>
24          </LinkContainer>
25        </Nav>
26      </Navbar.Collapse>
27    </Navbar>
28  );
29 }
30 export default Header;

```

# Praktik SPA Company Profile

localhost:3000

Company ABC Home About Contact Projects

## Welcome to My Company

This is a simple React app to display the company's logo and name.



localhost:3000/about

Company ABC Home About Contact Projects

## About Us

description here

# Praktik SPA REST

1. Buat project baru (di folder belajar\_react) melalui cmd : `npx create-react-app todo-app`
2. Buka VSCode, arahkan ke folder todo-app
3. Buka terminal , install dependencies:  
`npm install axios react-bootstrap bootstrap react-router-dom react-router-bootstrap`
4. Import css di index.js : `import 'bootstrap/dist/css/bootstrap.min.css';`
5. Sesuaikan index.html yaitu: title, description
6. Buat Home.js dengan endpoint : <https://jsonplaceholder.typicode.com/todos>.  
Sesuaikan dengan json nya.
7. Buat Header.js



# Praktik SPA REST

## 8. Buat Header.js

JS Header.js U X

src > JS Header.js > [🔗] default

```
1  import React from "react";
2  import { Navbar, Nav } from "react-bootstrap";
3  import { LinkContainer } from "react-router-bootstrap";
4  function Header() {
5    return (
6      <Navbar bg="light" expand="lg">
7        <LinkContainer to="/">
8          <Navbar.Brand>Todo App</Navbar.Brand>
9        </LinkContainer>
10       <Navbar.Toggle aria-controls="basic-navbar-nav" />
11       <Navbar.Collapse id="basic-navbar-nav">
12         <Nav className="ml-auto">
13           <LinkContainer to="/">
14             <Nav.Link>Home</Nav.Link>
15           </LinkContainer>
16         </Nav>
17       </Navbar.Collapse>
18     </Navbar>
19   );
20 }
21 export default Header;
```

# Praktik SPA REST

## 9. Modifikasi App.js

JS App.js M X

src > JS App.js > App

```
1  import React from 'react';
2  import { BrowserRouter as Router, Route, Routes } from 'react-router-dom';
3  import Home from './Home';
4  import Header from './Header';
5
6  function App() {
7    return (
8      <Router>
9        <div className="container">
10         <Header />
11         <Routes>
12           <Route path="/" element={<Home />} />
13         </Routes>
14       </div>
15     </Router>
16   );
17 }
18
19 export default App;
```

# Praktik SPA REST

## 10. Hasil

localhost:3000

Todo App

Home

List Of Todos

Title	Completed
delectus aut autem	Not Completed
quis ut nam facilis et officia qui	Not Completed
fugiat veniam minus	Not Completed
et porro tempora	Completed
laboriosam mollitia et enim quasi adipisci quia provident illum	Not Completed
qui ullam ratione quibusdam voluptatem quia omnis	Not Completed
illo expedita consequatur quia in	Not Completed
quo adipisci enim quam ut ab	Completed
molestiae perspiciatis ipsa	Not Completed
illo est ratione doloremque quia maiores aut	Completed

# Praktik SPA REST

11. Tambah page Add.js

12. Tambahkan di Header.js utk Lin dan App.js untuk Router : /addTodo

localhost:3000/addTodo

Todo App Home Add Todo

## Add Todo

Title

Body

Add Todo

Todo added successfully!

# Lanjutkan Tugas 1

- Lanjutkan Tugas 1
- Diskusi atau trouble shooting



terima kasih njengkepi parikan  
 tarima kase terime kaseh  
 teghemo kasih nerima nihan  
 kurre sumanga' saohagölö  
 rutam nuwus kasuwun lias ate  
 tarimo kasih teghima kasih  
 ngatur nuhun sukur dofu dangke  
 ta' kabessa nyo'on surak sabeu  
 tarima kasi teurimong geunaseh makase suwun  
 epang gawang keso'on tiba teing sura'  
 makaseh makapulu sama' mokaseh  
 tumpu lalo matur nuwun e saparauni  
 tampi asih bujur  
 matur suksma sukur moanto  
 obrigado diate tupa berijin brejen  
 odu'olo terima kaseh kurru sumange  
 mauliate waniyam walidi'a  
 tumpuno laloku sinmung  
 hatur nuhun tampeasu  
 minta rela kasumasa  
 tinatauan mator sekelangkong  
 masurak bagat



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