

LAPORAN MATA KULIAH
PEMROGAMAN BERBASIS FRAMEWORK
“ TUGAS MODUL 5 ”



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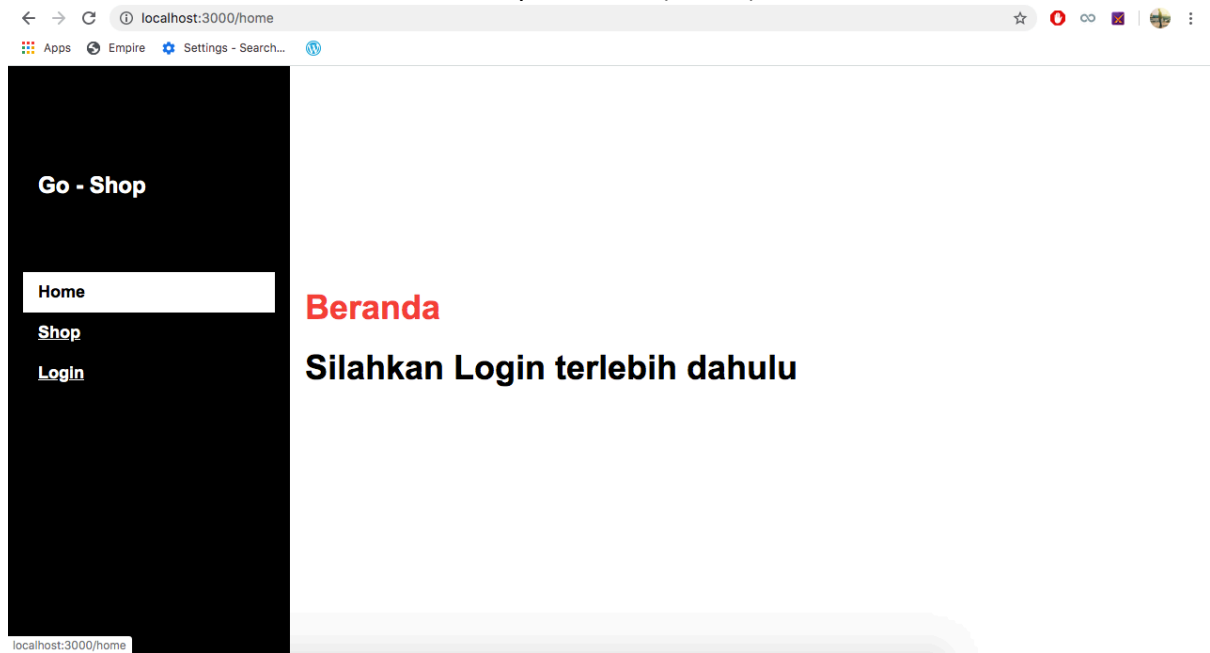
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PROGRAM STUDI D-IV TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG

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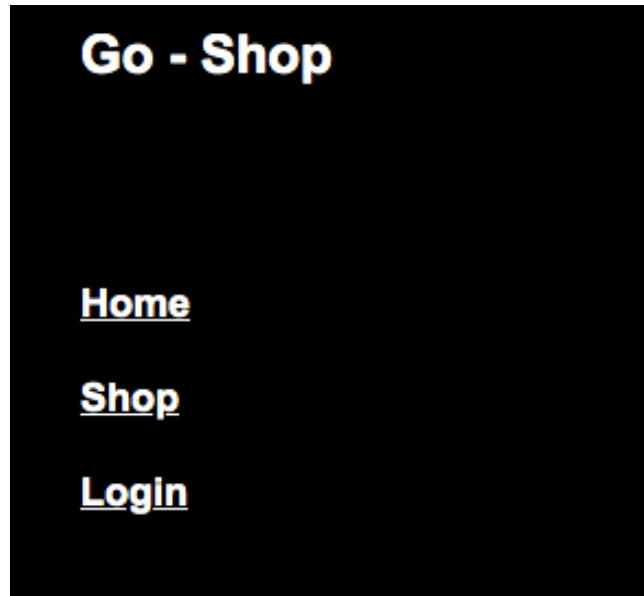
Tampilan Awal (Home)



Source Code :

```
Content.jsx
1 import React, { Component } from "react";
2 import "../Content.css";
3 class Content extends Component {
4   render() {
5     return (
6       <div class="w3-main c1">
7         <div class="w3-container" style={{ marginTop: "220px" }} id="showcase">
8           <h1 class="w3-text-red"><b>{this.props.menu}</b></h1>
9           <h1><b>{this.props.id}</b></h1>
10          <hr style={{ width: "50px", border: "5px", solid: "red" }} class="w3-round" />
11        </div>
12      </div>
13    );
14  }
15 }
16
17
18
19
20
21
22 export default Content;
```

Side Bar

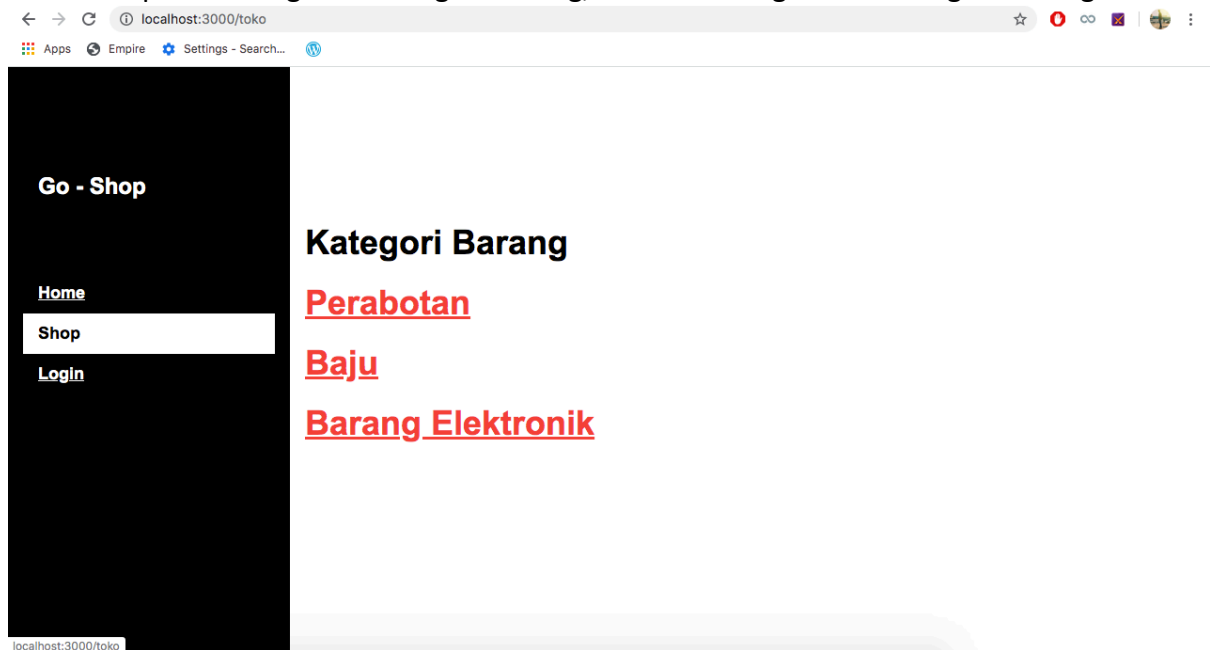


Source Code :

```
1 import React, { Component } from "react";
2 import "../SideBar.css";
3 import {
4   BrowserRouter as Router,
5   Switch,
6   Route,
7   Link,
8   Redirect,
9   useHistory,
10  useLocation
11 } from "react-router-dom";
12 import App from '../App';
13 import Content from '../Content/Content';
14 import Nested from '../Nested/Nested';
15 import Red from '../Redirect/Redirect';
16 class SideBar extends Component {
17   render() {
18     return (
19       <Router>
20         <nav class="w3-sidebar w3-black w3-collapse w3-top w3-large w3-padding nav1" id="mySidebar"><br />
21           <a href="javascript:void(0)" onclick="w3_close()" class="w3-button w3-hide-large w3-display-topleft" />
22           <div class="w3-container">
23             <h3 class="w3-padding-64"><b>Go - Shop</b></h3>
24           </div>
25           <div class="w3-bar-block">
26             <Link to="/home"><div class="w3-bar-item w3-button w3-hover-white">Home</div></Link>
27             <Link to="/toko"> <div class="w3-bar-item w3-button w3-hover-white">Shop</div></Link>
28             <Link to="/login"> <div class="w3-bar-item w3-button w3-hover-white">Login</div></Link>
29           </div>
30         </nav>
31         <Switch>
32           <Route exact={true} path="/home">
33             <Content id="Silahkan Login terlebih dahulu" menu="Beranda" />
34           </Route>
35           <Route exact={true} path="/toko">
36             <Nested />
37           </Route>
38           <Route exact={true} path="/login">
39             <Red />
40           </Route>
41         </Switch>
42       </Router>
43     )
44   }
45 }
46
47 export default SideBar;
```

Tampilan Shop

Apabila menge-klik kategori barang, link akan mengarah ke kategori barang

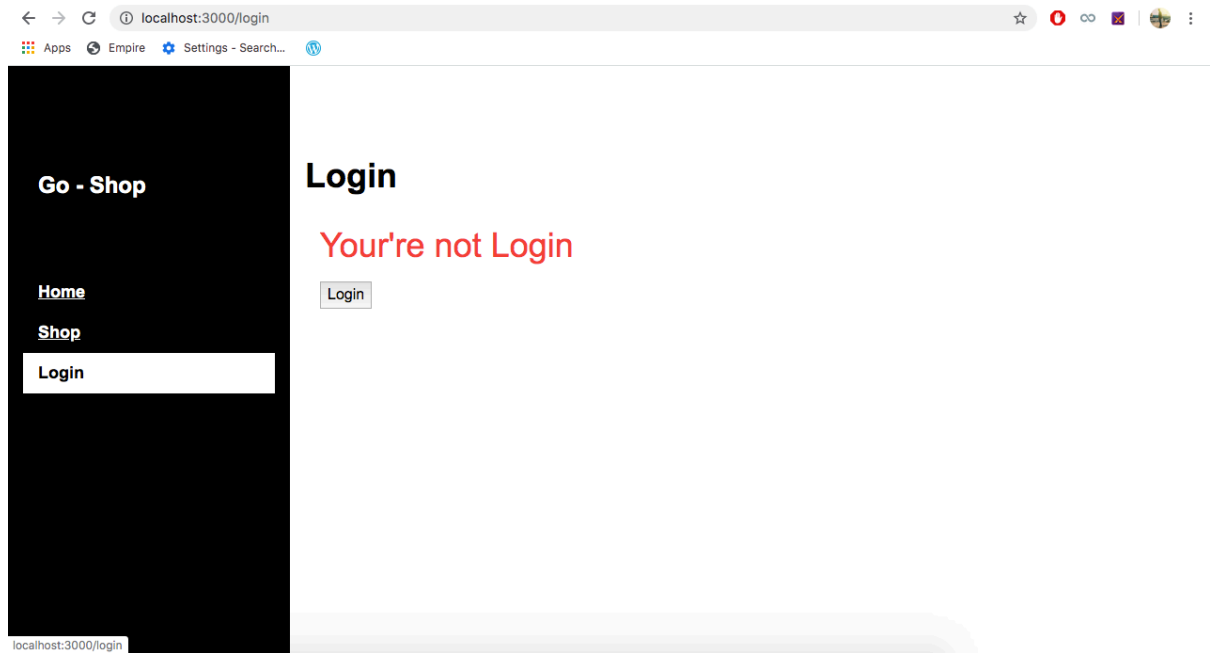


Source Code :

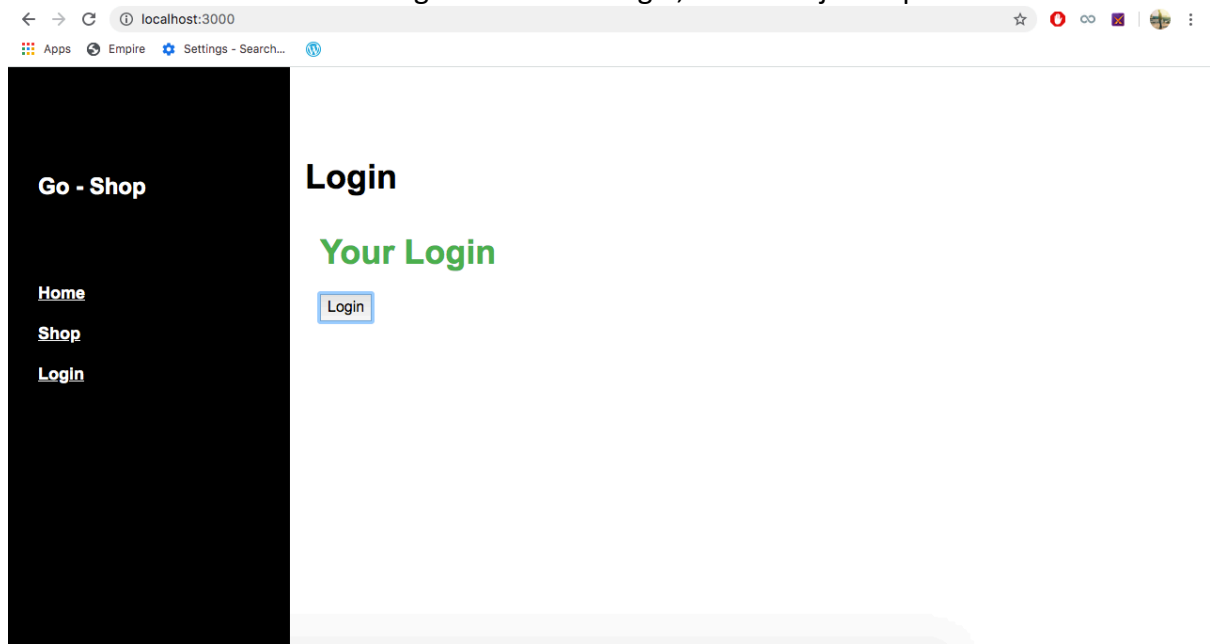
```
Nested.jsx
1 import React, { Component } from "react";
2 import Data from "../Data/Data";
3 import {
4   BrowserRouter as Router,
5   Switch,
6   Route,
7   Link,
8   Redirect,
9   useHistory,
10  useLocation
11 } from "react-router-dom";
12
13 class Nested extends Component {
14   render() {
15     return (
16       <Router>
17         <div>
18           <div class="w3-main c1">
19             <div class="w3-container" style={{ marginTop: "150px" }} id="showcase">
20               <h1><b>Kategori Barang</b></h1>
21               <h1 class=" w3-text-red"><b><Link to="/Perabotan">Perabotan</Link></b></h1>
22               <h1 class=" w3-text-red"><b><Link to="/Baju">Baju</Link></b></h1>
23               <h1 class=" w3-text-red"><b><Link to="/Elektronik">Barang Elektronik</Link></b></h1>
24               <hr style={{ width: "50px", border: "5px", solid: "red" }} class="w3-round" />
25             </div>
26           </div>
27           <Switch>
28             <Route exact={true} path="/Perabotan">
29               <Data name="data Perabotan" />
30             </Route>
31             <Route exact={true} path="/Baju">
32               <Data name="data Baju" />
33             </Route>
34             <Route exact={true} path="/Elektronik">
35               <Data name="data Elektronik" />
36             </Route>
37           </Switch>
38         </div>
39       </Router>
40     );
41   }
42 }
43
44 export default Nested;
```

Tampilan Login

Jika belum menge-klik tombol Login, Muncul tulisan merah tersebut



Jika sudah menge-klik tombol Login, akan menjadi seperti ini



Source Code :

```
Redirect.jsx
1 import React, { Component } from "react";
2 import Data from '../Data/Data';
3 import {
4   BrowserRouter as Router,
5   Switch,
6   Route,
7   Link,
8   Redirect,
9   useHistory,
10  useLocation
11 } from "react-router-dom";
12
13 class Nested extends Component {
14   render() {
15     return (
16       <Router>
17         <div>
18           <div class="w3-main c1">
19             <div class="w3-container" style={{ marginTop: "80px" }} id="showcase">
20               <h1 ><b>Login</b></h1>
21               <AuthButton />
22               <LoginPage />
23             </div>
24           </div>
25         </div>
26       </div>
27       <Switch>
28         <Route path="/login"><LoginPage /></Route>
29         <PrivateRoute path="/private"><ProtectedPage /></PrivateRoute>
30       </Switch>
31     </Router>
32   )
33 }
34
35
36 const fakeAuth = {
37   isAuthenticated: false,
38   authenticate(cb) {
39     fakeAuth.isAuthenticated = true;
40     setTimeout(cb, 100);
41   },
42   signout(cb) {
43     fakeAuth.isAuthenticated = false;
44     setTimeout(cb, 100)
45   }
46 }
```

```

48 function AuthButton() {
49   let history = useHistory();
50   return fakeAuth.isAuthenticated ? (
51     <div class="w3-container" id="showcase">
52       <p>
53         <h1 class="w3-text-green"><b>Your Login</b></h1>
54       </p>
55     </div>
56   ) : (
57     <div class="w3-container" id="showcase">
58       <h1 class="w3-text-red">Your're not Login</h1>
59     </div>
60   )
61 }
62
63
64 function PrivateRoute({ children, ...rest }) {
65   return (
66     <Route
67       {...rest}
68       render={({ location }) =>
69         fakeAuth.isAuthenticated ? (
70           children
71         ) : (
72           <Redirect to={{
73             pathname: "/login",
74             state: { from: location }
75           }} />
76         )
77       </>
78     </>
79   )
80 }
81
82 function LoginPage() {
83   let history = useHistory();
84   let location = useLocation();
85
86   let { from } = location.state || { from: { pathname: "/" } }
87   let login = () => {
88     fakeAuth.authenticate(() => {
89       history.replace(from)
90     })
91   }
92
93   return (
94     <div class="w3-container" id="showcase">
95       <button onClick={login}>Login</button>
96     </div>
97   )
98 }
99
100 function ProtectedPage() {
101   return (
102     <div class="w3-container" style={{ marginTop: "80px", marginLeft: "500px" }} id="showcase">
103       <h2>Private</h2>
104     </div>
105   )
106 }
107
108
109 export default Nested;

```