

TUGAS 4

Code:

src/Data/Dummy.js

```
Pertemuan-3 > src > Data > JS Dummy.js > [?] mahasiswaList > [?] nim
1 // Dummy user untuk login
2 export const dummyUser = {
3   email: "admin@gmail.com",
4   password: "123456",
5   name: "Admin",
6 };
7
8 // Dummy data mahasiswa
9 export const mahasiswaList = [
10  {
11    nim: "A11.2022.14655",
12    nama: "Nauval Sutisna",
13  },
14  {
15    nim: "20211002",
16    nama: "Siti Aminah",
17  },
18  {
19    nim: "20211003",
20    nama: "Ahmad Fauzi",
21  },
22 ];
23
```

Src/Pages/Admin/Mahasiswa.jsx

```
Pertemuan-3 > src > Pages > Admin > [?] Mahasiswa.jsx > ...
1 import React, { useState } from "react";
2 import Card from "@Pages/Layouts/Components/Card";
3 import Heading from "@Pages/Layouts/Components/Heading";
4 import Button from "@Pages/Layouts/Components/Button";
5
6 import { mahasiswaList } from "@Data/Dummy";
7
8 const Mahasiswa = () => {
9   const [isModalOpen, setIsModalOpen] = useState(false);
10
11   const handleEdit = (nama) => alert("Edit data ${nama}");
12   const handleDelete = (nama) => {
13     if (confirm("Yakin ingin hapus ${nama}?")) alert("Data berhasil dihapus!");
14   };
15
16   return (
17     <>
18       <Card>
19         <div className="flex justify-between items-center mb-4">
20           <Heading as="h2" className="mb-0 text-left">
21             Daftar Mahasiswa
22           </Heading>
23           <Button onClick={() => setIsModalOpen(true)}>+ Tambah Mahasiswa</Button>
24         </div>
25
26         <table className="w-full text-sm text-gray-700">
27           <thead className="bg-blue-600 text-white">
28             <tr>
29               <th className="py-2 px-4 text-left">NIM</th>
30               <th className="py-2 px-4 text-left">Nama</th>
31               <th className="py-2 px-4 text-center">Aksi</th>
32             </tr>
33           </thead>
34           <tbody>
35             {mahasiswaList.map((mhs, index) => (
36               <tr>
37                 <td key={mhs.nim} className="py-2 px-4">{mhs.nim}</td>
38                 <td className="py-2 px-4">{mhs.nama}</td>
39                 <td className="py-2 px-4 text-center space-x-2">
40                   <a
41                     href={`/admin/mahasiswa/${mhs.nim}`}
42                     className="inline-block bg-blue-600 hover:bg-blue-700 text-white text-sm px-3 py-1 rounded"
43                   >
44                     Detail
45                   </a>
46                   <Button
47
48
49
```

```
Pertemuan-3 > src > Pages > Admin > Mahasiswajsx > Mahasiswa > mahasiswaList.map() callback
8   const Mahasiswa = () => {
35     {mahasiswaList.map((mhs, index) => (
49       <Button
50         size="sm"
51         variant="warning"
52         onClick={() => handleEdit(mhs.nama)}
53       >
54         Edit
55       </Button>
56       <Button
57         size="sm"
58         variant="danger"
59         onClick={() => handleDelete(mhs.nama)}
60       >
61         Hapus
62       </Button>
63     </td>
64   </tr>
65   )]}
66 </tbody>
67 </table>
68 </Card>
69
70   /* Modal Tambah Mahasiswa */
71   {isModalOpen && (
72     <div className="fixed inset-0 flex items-center justify-center bg-black bg-opacity-50 z-50">
73       <div className="bg-white rounded-lg shadow-lg w-full max-w-md">
74         <div className="flex justify-between items-center p-4 border-b">
75           <h2 className="text-lg font-semibold">Tambah Mahasiswa</h2>
76           <button
77             onClick={() => setIsModalOpen(false)}
78             className="text-gray-600 hover:text-red-500 text-xl"
79           >
80             &times;
81           </button>
82         </div>
83         <form className="p-4 space-y-4">
84           <div>
85             <label className="block text-sm font-medium">NIM</label>
86             <input
87               type="text"
88               required
89               className="w-full px-3 py-2 border rounded focus:outline-none focus:ring focus:ring-blue-300"
90             />
91           </div>
92           <div>
93             <label className="block text-sm font-medium">Nama</label>
94             <input
```

```
Pertemuan-3 > src > Pages > Admin > Mahasiswajsx > ...
8   const Mahasiswa = () => {
94     <input
95       type="text"
96       required
97       className="w-full px-3 py-2 border rounded focus:outline-none focus:ring focus:ring-blue-300"
98     />
99   </div>
100   <div className="flex justify-end space-x-2">
101     <button
102       type="button"
103       onClick={() => setIsModalOpen(false)}
104       className="px-4 py-2 bg-gray-400 text-white rounded hover:bg-gray-500"
105     >
106       Batal
107     </button>
108     <button
109       type="button"
110       className="px-4 py-2 bg-blue-600 text-white rounded hover:bg-blue-700"
111     >
112       Simpan
113     </button>
114   </div>
115 </form>
116 </div>
117 </div>
118   )}
119 </>
120 };
121 };
122
123 export default Mahasiswa;
```

Src/Pages/Admin/Dashboard.jsx

```
Pertemuan-3 > src > Pages > Admin > Dashboard.jsx > default
1  const Dashboard = () => {
2    return <h1 className="text-2xl font-bold">Selamat Datang di Dashboard</h1>;
3  };
4
5  export default Dashboard;
```

Src/Pages/Admin/MahasiswaDetail.jsx

```
Pertemuan-3 > src > Pages > Admin > MahasiswaDetail.jsx > default
1  import React from "react";
2  import Card from "@Pages/Layouts/Components/Card";
3  import Heading from "@Pages/Layouts/Components/Heading";
4
5  import { mahasiswaList } from "@Data/Dummy";
6
7  const MahasiswaDetail = () => {
8
9    const path = window.location.pathname;
10    const nim = path.split("/").pop();
11
12    const mahasiswa = mahasiswaList.find((m) => m.nim === nim);
13
14    if (!mahasiswa) {
15      return <p className="text-red-600">Data mahasiswa tidak ditemukan.</p>;
16    }
17
18    return (
19      <Card>
20        <Heading as="h2" className="mb-4 text-left">Detail Mahasiswa</Heading>
21        <table className="table-auto text-sm w-full">
22          <tbody>
23            <tr>
24              <td className="py-2 px-4 font-medium">NIM</td>
25              <td className="py-2 px-4">{mahasiswa.nim}</td>
26            </tr>
27            <tr>
28              <td className="py-2 px-4 font-medium">Nama</td>
29              <td className="py-2 px-4">{mahasiswa.nama}</td>
30            </tr>
31          </tbody>
32        </table>
33      </Card>
34    );
35  };
36
37  export default MahasiswaDetail;
```

Src/Pages/Auth/Login.jsx

```
Pertemuan-3 > src > Pages > Auth > Login.jsx > Login > handleSubmit
1  import React from "react";
2  import Input from "@Pages/Layouts/Components/Input";
3  import Label from "@Pages/Layouts/Components/Label";
4  import Button from "@Pages/Layouts/Components/Button";
5  import Link from "@Pages/Layouts/Components/Link";
6  import Card from "@Pages/Layouts/Components/Card";
7  import Heading from "@Pages/Layouts/Components/Heading";
8  import Form from "@Pages/Layouts/Components/Form";
9
10 import { dummyUser } from "@Data/Dummy";
11
12 const Login = () => {
13   const handleSubmit = (e) => {
14     e.preventDefault();
15     const email = e.target.email.value;
16     const password = e.target.password.value;
17
18     if (email === dummyUser.email && password === dummyUser.password) {
19       localStorage.setItem("user", JSON.stringify(dummyUser));
20       window.location.href = "/admin";
21     } else {
22       alert("Email atau password salah!");
23     }
24   };
25 }
```

```
26   return (
27     <Card className="max-w-md mx-auto">
28       <Heading as="h2">Login</Heading>
29       <Form onSubmit={handleSubmit}>
30         <div>
31           <Label htmlFor="email">Email</Label>
32           <Input type="email" name="email" placeholder="Masukkan email" required />
33         </div>
34         <div>
35           <Label htmlFor="password">Password</Label>
36           <Input type="password" name="password" placeholder="Masukkan password" required />
37         </div>
38         <div className="flex justify-between items-center">
39           <label className="flex items-center">
40             <input type="checkbox" className="mr-2" />
41             <span className="text-sm text-gray-600">Ingat saya</span>
42           </label>
43           <Link href="#" className="text-sm">Lupa password?</Link>
44         </div>
45         <Button type="submit" className="w-full">Login</Button>
46       </Form>
47       <p className="text-sm text-center text-gray-600 mt-4">
48         Belum punya akun? <Link href="#">Daftar</Link>
49       </p>
50     </Card>
51   );
52 };
53
54 export default Login;
```

Src/Pages/Layouts/Components/Header.jsx

```
Pertemuan-3 > src > Pages > Layouts > Components > Header.jsx > Header
1 import Button from "@Pages/Layouts/Components/Button";
2
3 const Header = () => {
4   const toggleProfileMenu = () => {
5     const menu = document.getElementById("profileMenu");
6     if (menu) menu.classList.toggle("hidden");
7   };
8
9   return (
10    <header className="bg-white shadow-md">
11      <div className="flex justify-between items-center px-6 py-4">
12        <h1 className="text-2xl font-semibold text-gray-800">Mahasiswa</h1>
13        <div className="relative">
14          <Button
15            onClick={toggleProfileMenu}
16            className="w-8 h-8 rounded-full bg-gray-300 focus:outline-none"
17          />
18          <div
19            id="profileMenu"
20            className="absolute right-0 mt-2 w-40 bg-white rounded-md shadow-lg py-2 hidden"
21          >
22            <a href="#" className="block px-4 py-2 text-gray-700 hover:bg-gray-100">
23              Profile
24            </a>
25            <button
26              onClick={() => {
27                localStorage.removeItem("user");
28                location.href = "/";
29              }}
30              className="w-full text-left px-4 py-2 text-gray-700 hover:bg-gray-100"
31            >
32              Logout
33            </button>
34          </div>
35        </div>
36      </div>
37    </header>
38  );
39 };
40
41 export default Header;
```

Src/Pages/Layouts/Components/Sidebar.jsx

```
Pertemuan-3 > src > Pages > Layouts > Components > Sidebar.jsx > default
1 import { NavLink } from "react-router-dom";
2
3 const Sidebar = () => {
4   return (
5     <aside className="bg-blue-800 text-white min-h-screen transition-all duration-300 w-20 lg:w-64">
6       <div className="p-4 border-b border-blue-700">
7         <span className="text-2xl font-bold hidden lg:block">Admin</span>
8       </div>
9       <nav className="p-4 space-y-2">
10        <NavLink
11          to="/admin/dashboard"
12          className={({ isActive }) =>
13            `flex items-center space-x-2 px-4 py-2 rounded ${
14              isActive ? "bg-blue-700" : "hover:bg-blue-700"
15            }`
16        />
17        <span>🏠</span>
18        <span className="menu-text hidden lg:inline">Dashboard</span>
19      </NavLink>
20      <NavLink
21        to="/admin/mahasiswa"
22        className={({ isActive }) =>
23          `flex items-center space-x-2 px-4 py-2 rounded ${
24            isActive ? "bg-blue-700" : "hover:bg-blue-700"
25          }`
26      />
27      <span>👤</span>
28      <span className="menu-text hidden lg:inline">Mahasiswa</span>
29    </NavLink>
30  </nav>
31 </aside>
32 );
33 };
34
35 export default Sidebar;
```

Src/Pages/Layouts/AdminLayout.jsx

```
Pertemuan-3 > src > Pages > Layouts > AdminLayout.jsx > ...
20
21 import Sidebar from "@Pages/Layouts/Components/Sidebar";
22 import Header from "@Pages/Layouts/Components/Header";
23 import Footer from "@Pages/Layouts/Components/Footer";
24 import { Outlet } from "react-router-dom";
25
26 const AdminLayout = () => {
27   return (
28     <div className="min-h-screen bg-gray-100 flex">
29       <Sidebar />
30       <div className="flex flex-col flex-1">
31         <Header />
32         <main className="flex-1 p-6 overflow-x-auto">
33           <Outlet />
34         </main>
35         <Footer />
36       </div>
37     </div>
38   );
39 };
40
41 export default AdminLayout;
```

Src/Pages/Layouts/AuthLayout.jsx

```
Pertemuan-3 > src > Pages > Layouts > AuthLayout.jsx > ...
12
13 import React from "react";
14 import { Outlet } from "react-router-dom";
15
16 const AuthLayout = () => {
17   return (
18     <div className="min-h-screen bg-gray-100 flex items-center justify-center">
19       <Outlet />
20     </div>
21   );
22 };
23
24 export default AuthLayout;
25
```

Src/Pages/Layouts/ProtectedRoute.jsx

```
Pertemuan-3 > src > Pages > Layouts > ProtectedRoute.jsx > [O] default
1 import React from "react";
2 import { Navigate } from "react-router-dom";
3
4 const ProtectedRoute = ({ children }) => {
5   const isLoggedIn = localStorage.getItem("user");
6
7   if (!isLoggedIn) {
8     return <Navigate to="/" />;
9   }
10
11   return children;
12 };
13
14 export default ProtectedRoute;
```

Src/Pages/PageNotFound.jsx

```
Pertemuan-3 > src > Pages > PageNotFound.jsx > [0] default
1  import React from "react";
2  import { Link } from "react-router-dom";
3
4  const PageNotFound = () => {
5    return (
6      <div className="min-h-screen bg-gray-100 flex flex-col justify-center items-center px-4 text-center">
7        <h1 className="text-6xl font-bold text-blue-600 mb-4">404</h1>
8        <h2 className="text-2xl font-semibold text-gray-800 mb-2">Halaman Tidak Ditemukan</h2>
9        <p className="text-gray-600 mb-6">
10          Maaf, halaman yang kamu cari tidak tersedia atau telah dipindahkan.
11        </p>
12        <Link
13          to="/"
14          className="px-6 py-2 bg-blue-600 text-white rounded hover:bg-blue-700 transition"
15        >
16          Kembali ke Halaman Login
17        </Link>
18      </div>
19    );
20  };
21
22  export default PageNotFound;
```

Src/main.jsx

```
Pertemuan-3 > src > main.jsx
1  import React from "react";
2  import ReactDOM from "react-dom/client";
3  import { BrowserRouter, Routes, Route } from "react-router-dom";
4
5  import App from "@App";
6  import "@App.css";
7
8  import Dashboard from "@Pages/Admin/Dashboard";
9  import Mahasiswa from "@Pages/Admin/Mahasiswa";
10 import MahasiswaDetail from "@Pages/Admin/MahasiswaDetail";
11 import PageNotFound from "@Pages/PageNotFound";
12 import ProtectedRoute from "@Pages/Layouts/ProtectedRoute";
13 import AdminLayout from "@Pages/Layouts/AdminLayout";
14
15 ReactDOM.createRoot(document.getElementById("root")).render(
16   <React.StrictMode>
17     <BrowserRouter>
18       <Routes>
19         <Route path="/" element={<App />} />
20         <Route
21           path="/admin/*"
22           element={
23             <ProtectedRoute>
24               <AdminLayout />
25             </ProtectedRoute>
26           }
27         >
28           <Route index element={<Dashboard />} />
29           <Route path="mahasiswa" element={<Mahasiswa />} />
30           <Route path="mahasiswa/:nim" element={<MahasiswaDetail />} />
31         </Route>
32         <Route path="*" element={<PageNotFound />} />
33       </Routes>
34     </BrowserRouter>
35   </React.StrictMode>
36 >);
37
```

Hasil Tampilan:





