

## TUGAS 5

Source Code:

/src/Pages/Admin/Mahasiswa.jsx

```
Pertemuan-3 > src > Pages > Admin > 📁 Mahasiswa.jsx > [🔍] Mahasiswa
1  import React, { useState, useEffect } from "react"; // ← tambahkan useEffect di sini
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  import { mahasiswaList } from "@Data/Dummy";
6  import { useNavigate } from "react-router-dom";
7  import ModalMahasiswa from "../ModalMahasiswa";
8
9  const Mahasiswa = () => {
10     const navigate = useNavigate();
11
12     // Data Mahasiswa
13     const [mahasiswa, setMahasiswa] = useState([]);
14
15     // State Modal dan Form
16     const [isModalOpen, setIsModalOpen] = useState(false);
17     const [isEdit, setIsEdit] = useState(false);
18     const [form, setForm] = useState({ nim: "", nama: "" });
19     const [originalNim, setOriginalNim] = useState(null);
20
21     // useEffect
22     useEffect(() => {
23         setTimeout(() => fetchMahasiswa(), 500); // simulasi loading
24     }, []);
25
26     const fetchMahasiswa = async () => {
27         // simulasi fetch API
28         setMahasiswa(mahasiswaList);
29     };
30
31     // Handle input form
32     const handleChange = (e) => {
33         setForm({ ...form, [e.target.name]: e.target.value });
34     };
35
36     // Tambah data mahasiswa baru
37     const addMahasiswa = (newData) => {
38         setMahasiswa([...mahasiswa, newData]);
39     };
40
41     // Update data mahasiswa
42     const updateMahasiswa = (nim, newData) => {
43         const updated = mahasiswa.map((mhs) =>
44             mhs.nim === nim ? { ...mhs, ...newData } : mhs
45         );
46         setMahasiswa(updated);
47     };
48 }
```

```
9   const Mahasiswa = () => {
48
49     // Hapus data mahasiswa
50     const deleteMahasiswa = (nim) => {
51       if (confirm("Yakin ingin hapus data ini?")) {
52         const filtered = mahasiswa.filter((mhs) => mhs.nim !== nim);
53         setMahasiswa(filtered);
54         alert("Data berhasil dihapus!");
55       }
56     };
57
58     // Buka modal untuk tambah
59     const handleAdd = () => {
60       setForm({ nim: "", nama: "" });
61       setIsEdit(false);
62       setIsModalOpen(true);
63     };
64
65     // Buka modal untuk edit
66     const handleEdit = (mhs) => {
67       setForm(mhs);
68       setOriginalNim(mhs.nim);
69       setIsEdit(true);
70       setIsModalOpen(true);
71     };
72
73     // Submit form
74     const handleSubmit = (e) => {
75       e.preventDefault();
76
77       if (!form.nim.trim() || !form.nama.trim()) {
78         alert("NIM dan Nama wajib diisi!");
79         return;
80       }
81
82       if (isEdit) {
83         updateMahasiswa(originalNim, form);
84         alert("Data berhasil diperbarui!");
85       } else {
86         const exists = mahasiswa.some((mhs) => mhs.nim === form.nim);
87         if (exists) {
88           alert("NIM sudah terdaftar!");
89           return;
90         }
91         addMahasiswa(form);
92         alert("Data berhasil ditambahkan!");
93       }
94     }
  }
```

Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > [0] Mahasiswa

```
9   const Mahasiswa = () => {
74   const handleSubmit = (e) => {
94
95     setForm({ nim: "", nama: "" });
96     setIsEdit(false);
97     setIsModalOpen(false);
98     setOriginalNim(null);
99   };
100
101   // Modal Tambah/Edit
102   const openAddModal = () => {
103     setIsModalOpen(true);
104     setForm({ nim: "", nama: "" });
105     setIsEdit(false);
106   };
107
108   return (
109     <>
110       <Card>
111         <div className="flex justify-between items-center mb-4">
112           <Heading as="h2" className="mb-0 text-left">
113             Daftar Mahasiswa
114           </Heading>
115           </* <Button onClick={handleAdd}>+ Tambah Mahasiswa</Button> */>
116           <Button onClick={openAddModal}>+ Tambah Mahasiswa</Button>
117         </div>
118
119         <table className="w-full text-sm text-gray-700">
120           <thead className="bg-blue-600 text-white">
121             <tr>
122               <th className="py-2 px-4 text-left">NIM</th>
123               <th className="py-2 px-4 text-left">Nama</th>
124               <th className="py-2 px-4 text-center">Aksi</th>
125             </tr>
126           </thead>
127           <tbody>
128             {mahasiswa.length > 0 ? (
129               mahasiswa.map((mhs, index) => (
130                 <tr>
131                   <key={mhs.nim}>
132                   <td className="py-2 px-4">{mhs.nim}</td>
133                   <td className="py-2 px-4">{mhs.nama}</td>
134                   <td className="py-2 px-4 text-center space-x-2">
135                     <Button
136                       className="inline-block bg-blue-600 hover:bg-blue-700 text-white text-sm px-3 py-1 rounded"
137                       onClick={() => navigate(`/admin/mahasiswa/${mhs.nim}`)}>
```

Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > [0] Mahasiswa

```
9   const Mahasiswa = () => {
129     mahasiswa.map((mhs, index) => (
140       >
141         Detail
142       </Button>
143       <Button
144         size="sm"
145         variant="warning"
146         onClick={() => handleEdit(mhs)}
147       >
148         Edit
149       </Button>
150       <Button
151         size="sm"
152         variant="danger"
153         onClick={() => deleteMahasiswa(mhs.nim)}
154       >
155         Hapus
156       </Button>
157     </td>
158   </tr>
159 ))
160 ) : (
161   <tr>
162     <td
163       colSpan="3"
164       className="py-3 text-center text-gray-500 italic"
165     >
166       Tidak ada data mahasiswa.
167     </td>
168   </tr>
169 )}
170 </tbody>
171 </table>
172 </Card>
173
174 {isModalOpen && (
175   <ModalMahasiswa
176     form={form}
177     handleChange={handleChange}
178     handleSubmit={handleSubmit}
179     setIsModalOpen={setIsModalOpen}
180     isEdit={isEdit}
181   />
182 )}
183 </>
184 );
185 };
186
```

```
186
187   export default Mahasiswa;
188
```

/src/Pages/Admin/ModalMahasiswa.jsx

Pertemuan-3 > src > Pages > Admin > ModalMahasiswa.jsx > ...

```
1  import React from "react";
2  import Form from "@/Pages/Layouts/Components/Form";
3  import Input from "@/Pages/Layouts/Components/Input";
4  import Label from "@/Pages/Layouts/Components/Label";
5  import Button from "@/Pages/Layouts/Components/Button";
6
7  const ModalMahasiswa = ({
8    form,
9    handleChange,
10   handleSubmit,
11   setIsModalOpen,
12   isEdit,
13 }) => {
14   return (
15     <div className="fixed inset-0 flex items-center justify-center bg-[rgba(0,0,0,0.3)] z-50">
16       <div className="bg-white rounded-lg shadow-lg w-full max-w-md">
17         /* Header Modal */
18         <div className="flex justify-between items-center p-4 border-b">
19           <h2 className="text-lg font-semibold">
20             {isEdit ? "Edit Mahasiswa" : "Tambah Mahasiswa"}
21           </h2>
22           <button
23             type="button"
24             onClick={() => setIsModalOpen(false)}
25             className="text-gray-600 hover:text-red-500 text-xl"
26           >
27             &times;
28           </button>
29         </div>
30
31         /* Form Input */
32         <Form onSubmit={handleSubmit} className="p-4 space-y-4">
33           <div>
34             <Label htmlFor="nim">NIM</Label>
35             <Input
36               type="text"
37               name="nim"
38               value={form.nim}
39               onChange={handleChange}
40               // readOnly={isEdit}
41               placeholder="Masukkan NIM"
42               required
43             />
44           </div>

```

```

45
46     <div>
47         <Label htmlFor="nama">Nama</Label>
48         <Input
49             type="text"
50             name="nama"
51             value={form.nama}
52             onChange={handleChange}
53             placeholder="Masukkan Nama"
54             required
55         />
56     </div>
57
58     <div className="flex justify-end space-x-2 pt-2">
59         <Button
60             type="button"
61             onClick={() => setIsModalOpen(false)}
62             variant="secondary"
63         >
64             Batal
65         </Button>
66         <Button type="submit" variant="primary">
67             {isEdit ? "Perbarui" : "Simpan"}
68         </Button>
69     </div>
70 </Form>
71 </div>
72 </div>
73 );
74 };
75
76 export default ModalMahasiswa;
77

```

/src/Pages/Auth/Login.jsx

Pertemuan-3 > src > Pages > Auth > Login.jsx > Login

```
1  import React, { useState } from "react";
2  import { useNavigate } from "react-router-dom";
3  import Input from "@Pages/Layouts/Components/Input";
4  import Label from "@Pages/Layouts/Components/Label";
5  import Button from "@Pages/Layouts/Components/Button";
6  import Link from "@Pages/Layouts/Components/Link";
7  import Card from "@Pages/Layouts/Components/Card";
8  import Heading from "@Pages/Layouts/Components/Heading";
9  import Form from "@Pages/Layouts/Components/Form";
10
11  import { dummyUser } from "@Data/Dummy";
12
13  const Login = () => {
14    const navigate = useNavigate();
15
16    const [form, setForm] = useState({
17      email: "",
18      password: "",
19    });
20
21    const handleChange = (e) => {
22      setForm({ ...form, [e.target.name]: e.target.value });
23    };
24
25    const handleSubmit = (e) => {
26      e.preventDefault();
27      const { email, password } = form;
28
29      if (email === dummyUser.email && password === dummyUser.password) {
30        localStorage.setItem("user", JSON.stringify(dummyUser));
31        navigate("/admin/dashboard");
32      } else {
33        alert("Email atau password salah!");
34      }
35    };
36
37    return (
38      <Card className="max-w-md">
39        <Heading as="h2">Login</Heading>
40        <Form onSubmit={handleSubmit}>
41          <div>
42            <Label htmlFor="email">Email</Label>
43            <Input
44              type="email"
45              name="email"
46              value={form.email}
47              onChange={handleChange}
48              placeholder="Masukkan email"
49              required
```

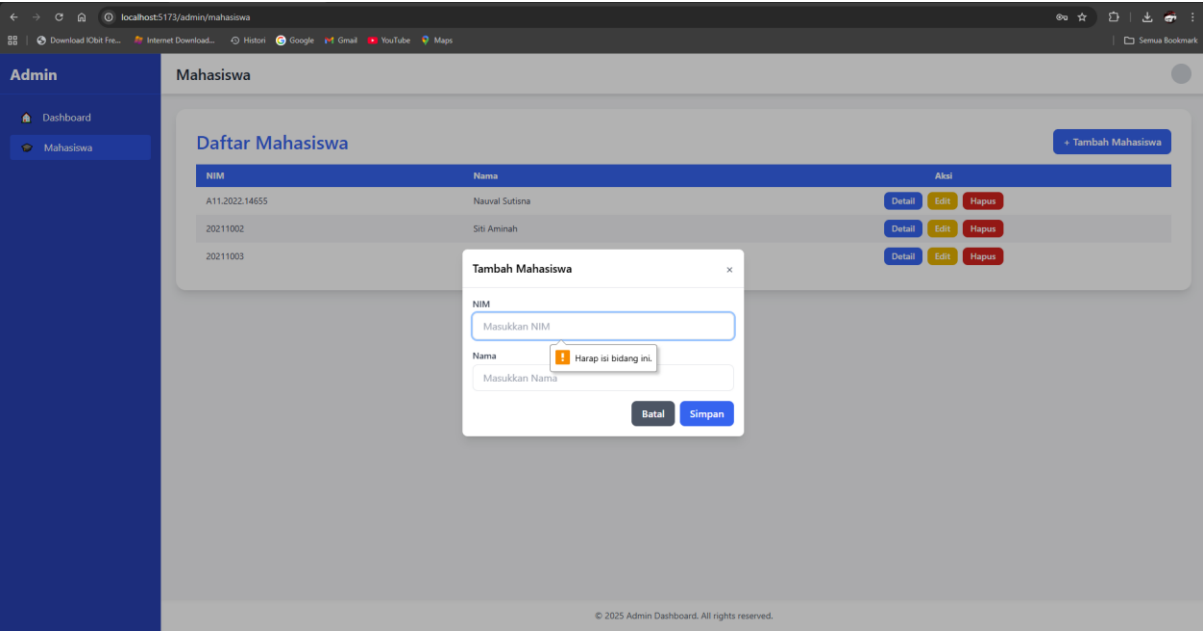
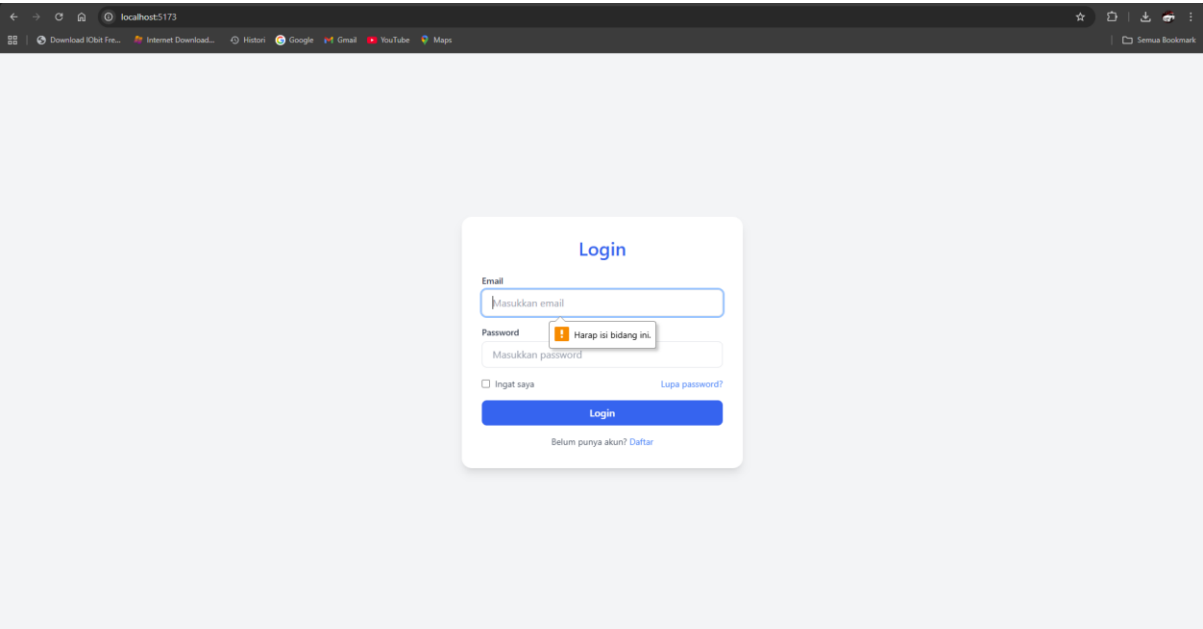
```

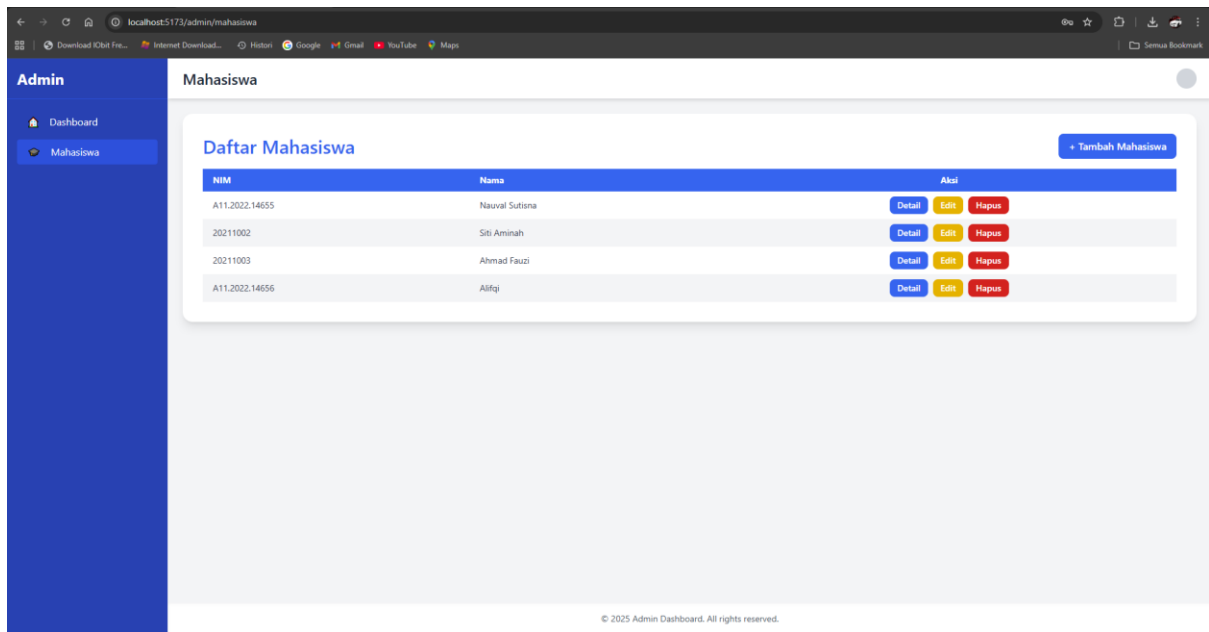
49         required
50     />
51 </div>
52 <div>
53     <Label htmlFor="password">Password</Label>
54     <Input
55         type="password"
56         name="password"
57         value={form.password}
58         onChange={handleChange}
59         placeholder="Masukkan password"
60         required
61     />
62 </div>
63 <div className="flex justify-between items-center">
64     <label className="flex items-center">
65         <input type="checkbox" className="mr-2" />
66         <span className="text-sm text-gray-600">Ingat saya</span>
67     </label>
68     <Link href="#" className="text-sm">
69         Lupa password?
70     </Link>
71 </div>
72 <Button type="submit" className="w-full">
73     Login
74 </Button>
75 </Form>
76 <p className="text-sm text-center text-gray-600 mt-4">
77     Belum punya akun? <Link href="#">Daftar</Link>
78 </p>
79 </Card>
80 );
81 };
82
83 export default Login

```



Hasil Tampilan





### Edit Mahasiswa

NIM

Nama

[Batal](#) [Perbarui](#)

Daftar Mahasiswa

+ Tambah Mahasiswa

NIM	Nama	Aksi
A11.2022.14655	Nauval Sutisna	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
20211002	Siti Aminah	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
20211003	Ahmad Fauzi	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>
A11.2022.14455	Alifqi Racing Team	<a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Hapus</a>