

Source code :

Src/Pages/Layouts/Utils/Helpers/SwalHelpers.jsx

```
SwalHelpers.jsx X
Pertemuan-3 > src > Pages > Layouts > Utils > Helpers > SwalHelpers.jsx > ...
1  import Swal from "sweetalert2";
2
3  export const confirmLogout = (onConfirm) => {
4    Swal.fire({
5      title: "Yakin ingin logout?",
6      icon: "warning",
7      showCancelButton: true,
8      confirmButtonText: "Ya, logout",
9      cancelButtonText: "Batal",
10   }).then((result) => {
11     if (result.isConfirmed) {
12       onConfirm();
13       Swal.fire("Logout berhasil", "", "success");
14     }
15   });
16 };
17
18 export const confirmDelete = (onConfirm) => {
19   Swal.fire({
20     title: "Yakin ingin menghapus data ini?",
21     icon: "warning",
22     showCancelButton: true,
23     confirmButtonText: "Ya, hapus",
24     cancelButtonText: "Batal",
25   }).then((result) => {
26     if (result.isConfirmed) {
27       onConfirm();
28       Swal.fire("Dihapus!", "Data berhasil dihapus.", "success");
29     }
30   });
31 };
32
33 export const confirmUpdate = (onConfirm) => {
34   Swal.fire({
35     title: "Yakin ingin memperbarui data ini?",
36     icon: "question",
37     showCancelButton: true,
38     confirmButtonText: "Ya, perbarui",
39     cancelButtonText: "Batal",
40   }).then((result) => {
41     if (result.isConfirmed) {
42       onConfirm();
43       Swal.fire("Diperbarui!", "Data berhasil diperbarui.", "success");
44     }
45   });
46 };
```

Src/Pages/Layouts/Utils/Helpers/ToastHelpers.jsx

```
ToastHelpers.jsx X
Pertemuan-3 > src > Pages > Layouts > Utils > Helpers > ToastHelpers.jsx > ...
1  import { toast } from "react-hot-toast";
2
3  export const toastSuccess = (message) => toast.success(message);
4  export const toastError = (message) => toast.error(message);
5  export const toastInfo = (message) => toast(message);
```

Src/Pages/Auth/Login.jsx

```
Login.jsx X
Pertemuan-3 > src > Pages > Auth > Login.jsx > ...
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 import { toastSuccess, toastError } from "@Pages/Layouts/Utils/Helpers/ToastHelpers";
11
12 import { dummyUser } from "@Data/Dummy";
13
14 const Login = () => {
15   const navigate = useNavigate();
16
17   const [form, setForm] = useState({
18     email: "",
19     password: "",
20   });
21
22   const handleChange = (e) => {
23     setForm({ ...form, [e.target.name]: e.target.value });
24   };
25
26   const handleSubmit = (e) => {
27     e.preventDefault();
28     const { email, password } = form;
29
30     if (email === dummyUser.email && password === dummyUser.password) {
31       localStorage.setItem("user", JSON.stringify(dummyUser));
32       toastSuccess("Login berhasil!");
33       navigate("/admin/dashboard");
34     } else {
35       // alert("Email atau password salah!");
36       toastError("Email atau password salah!");
37     }
38   };
39
40   return (
41     <Card className="max-w-md">
42       <Heading as="h2">Login</Heading>
43       <Form onSubmit={handleSubmit}>
44         <div>
45           <Label htmlFor="email">Email</Label>
46           <Input
47             type="email"
48             name="email"
49             value={form.email}
```

```
Login.jsx X
Pertemuan-3 > src > Pages > Auth > Login.jsx > Login
14 const Login = () => {
47     type="email"
48     name="email"
49     value={form.email}
50     onChange={handleChange}
51     placeholder="Masukkan email"
52     required
53   />
54 </div>
55 <div>
56   <Label htmlFor="password">Password</Label>
57   <Input
58     type="password"
59     name="password"
60     value={form.password}
61     onChange={handleChange}
62     placeholder="Masukkan password"
63     required
64   />
65 </div>
66 <div className="flex justify-between items-center">
67   <label className="flex items-center">
68     <input type="checkbox" className="mr-2" />
69     <span className="text-sm text-gray-600">Ingat saya</span>
70   </label>
71   <Link href="#" className="text-sm">
72     Lupa password?
73   </Link>
74 </div>
75 <Button type="submit" className="w-full">
76   Login
77 </Button>
78 </Form>
79 <p className="text-sm text-center text-gray-600 mt-4">
80   Belum punya akun? <Link href="#">Daftar</Link>
81 </p>
82 </Card>
83 );
84 };
85
86 export default Login
```

Src/Pages/Admin/Mahasiswa.jsx

```
Mahasiswa.jsx X
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > ...
1 import React, { useState, useEffect } 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 import { mahasiswaList } from "@Data/Dummy";
6 import { useNavigate } from "react-router-dom";
7 import ModalMahasiswa from "../ModalMahasiswa";
8 import TableMahasiswa from "../TableMahasiswa";
9 import { toastSuccess, toastError } from "@Pages/Layouts/Utils/Helpers/ToastHelpers";
10 import { confirmDelete, confirmUpdate } from "@Pages/Layouts/Utils/Helpers/SwalHelpers";
11
12 const Mahasiswa = () => {
13   const navigate = useNavigate();
14
15   // Data Mahasiswa
16   const [mahasiswa, setMahasiswa] = useState([]);
17
18   // State Modal dan Form
19   const [isModalOpen, setIsModalOpen] = useState(false);
20   const [isEdit, setIsEdit] = useState(false);
21   const [form, setForm] = useState({ nim: "", nama: "" });
22   const [originalNim, setOriginalNim] = useState(null);
23
24   // useEffect
25   useEffect(() => {
26     setTimeout(() => fetchMahasiswa(), 500); // simulasi loading
27   }, []);
28
29   const fetchMahasiswa = async () => {
30     // simulasi fetch API
31     setMahasiswa(mahasiswaList);
32   };
33
34   // Handle input form
35   const handleChange = (e) => {
36     setForm({ ...form, [e.target.name]: e.target.value });
37   };
38
39   // Tambah data mahasiswa baru
40   const addMahasiswa = (newData) => {
41     setMahasiswa([...mahasiswa, newData]);
42   };
43
44   // Update data mahasiswa
45   const updateMahasiswa = (nim, newData) => {
46     const updated = mahasiswa.map((mhs) => {
47       mhs.nim === nim ? { ...mhs, ...newData } : mhs
48     });
49   };
50 };
```

```
Mahasiswa.jsx X
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > Mahasiswa > updateMahasiswa
12 const Mahasiswa = () => {
13   const updateMahasiswa = (nim, newData) => {
14     setMahasiswa(updated);
15   };
16
17   // Hapus data mahasiswa
18   const deleteMahasiswa = (nim) => {
19     confirmDelete(() => {
20       const filtered = mahasiswa.filter((mhs) => mhs.nim !== nim);
21       setMahasiswa(filtered);
22       toastSuccess("Data berhasil dihapus");
23     });
24   };
25
26   // Buka modal untuk tambah
27   const handleAdd = () => {
28     setForm({ nim: "", nama: "" });
29     setIsEdit(false);
30     setIsModalOpen(true);
31   };
32
33   // Buka modal untuk edit
34   const handleEdit = (mhs) => {
35     setForm(mhs);
36     setOriginalNim(mhs.nim);
37     setIsEdit(true);
38     setIsModalOpen(true);
39   };
40
41   // Submit form
42   const handleSubmit = (e) => {
43     e.preventDefault();
44
45     if (!form.nim.trim() || !form.nama.trim()) {
46       alert("NIM dan Nama wajib diisi!");
47       return;
48     }
49
50     if (isEdit) {
51       // ♦ Gunakan konfirmasi sebelum update
52       confirmUpdate(() => {
53         updateMahasiswa(originalNim, form);
54         toastSuccess("Data berhasil diperbarui");
55         closeModal();
56       });
57     }
58   };
59 };
```

```

Mahasiswa.jsx X
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > [M] Mahasiswa > [M] handleSubmit
12  const Mahasiswa = () => {
77  const handleSubmit = (e) => {
92
93      } else {
94          const exists = mahasiswa.some((mhs) => mhs.nim === form.nim);
95          if (exists) {
96              alert("NIM sudah terdaftar!");
97              return;
98          }
99          addMahasiswa(form);
100         // alert("Data berhasil ditambahkan!");
101         toastSuccess("Data berhasil ditambahkan");
102     }
103
104     setForm({ nim: "", nama: "" });
105     setIsEdit(false);
106     setIsModalOpen(false);
107     setOriginalNim(null);
108 };
109
110 // Modal Tambah/Edit
111 const openAddModal = () => {
112     setIsModalOpen(true);
113     setForm({ nim: "", nama: "" });
114     setIsEdit(false);
115 };
116
117 return (
118     <>
119         <Card>
120             <div className="flex justify-between items-center mb-4">
121                 <Heading as="h2" className="mb-0 text-left">
122                     Daftar Mahasiswa
123                 </Heading>
124                 <Button onClick={openAddModal}>+ Tambah Mahasiswa</Button>
125             </div>
126
127             <TableMahasiswa
128                 data={mahasiswa}
129                 onEdit={handleEdit}
130                 onDelete={deleteMahasiswa}
131                 onDetail={(nim) => navigate(`/admin/mahasiswa/${nim}`)}
132             />
133         </Card>
134
135         <ModalMahasiswa
136             isOpen={isModalOpen}
137             isEdit={isEdit}
138             form={form}
139
140         </ModalMahasiswa>
141     </>
142 );
143
144 };
145
146
147 export default Mahasiswa;
148

```

```

Mahasiswa.jsx X
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > [M] Mahasiswa
12  const Mahasiswa = () => {
133     </Card>
134
135     <ModalMahasiswa
136         isOpen={isModalOpen}
137         isEdit={isEdit}
138         form={form}
139         onChange={handleChange}
140         onClose={() => setIsModalOpen(false)}
141         onSubmit={handleSubmit}
142     />
143 </>
144 );
145 };
146
147 export default Mahasiswa;
148

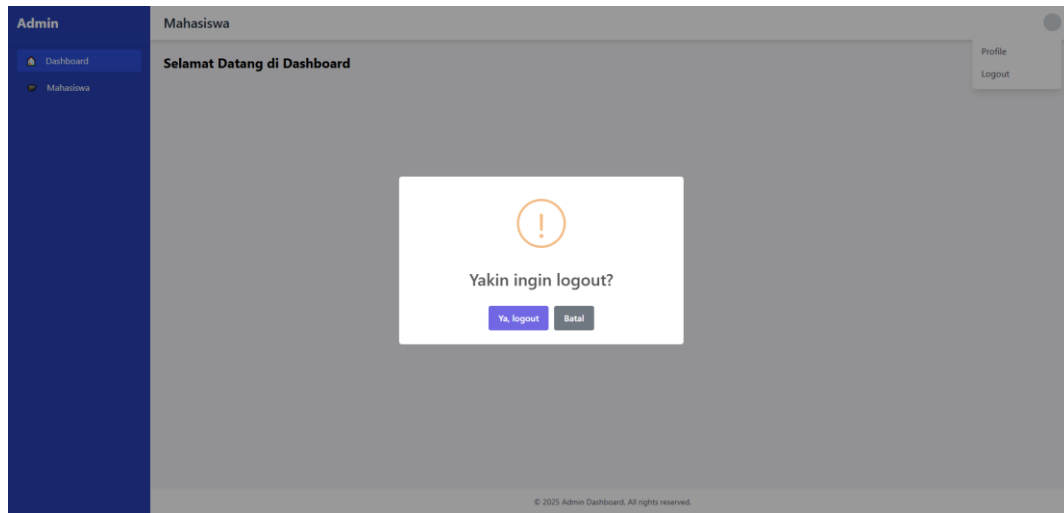
```

Src/Pages/Layout/Components/Header.jsx

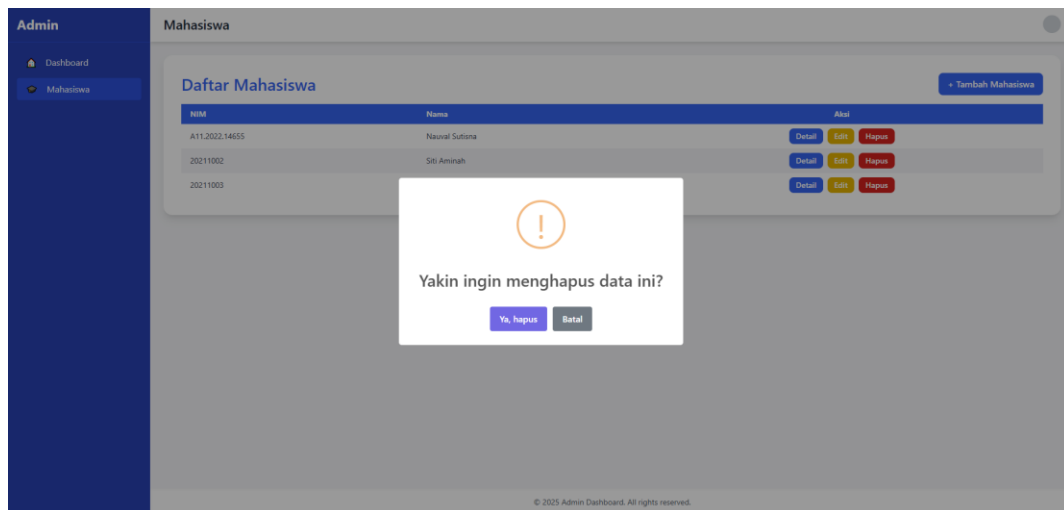
```
Header.jsx •
Pertemuan-3 > src > Pages > Layouts > Components > Header.jsx > default
1 import Button from "@Pages/Layouts/Components/Button";
2 import { confirmLogout } from "@Pages/Layouts/Utils/Helpers/SwalHelpers";
3 import { toastSuccess } from "@Pages/Layouts/Utils/Helpers/ToastHelpers";
4
5 const Header = () => {
6   const toggleProfileMenu = () => {
7     const menu = document.getElementById("profileMenu");
8     if (menu) menu.classList.toggle("hidden");
9   };
10
11   return (
12     <header className="bg-white shadow-md">
13       <div className="flex justify-between items-center px-6 py-4">
14         <h1 className="text-2xl font-semibold text-gray-800">Mahasiswa</h1>
15         <div className="relative">
16           <Button
17             onClick={toggleProfileMenu}
18             className="w-8 h-8 rounded-full bg-gray-300 focus:outline-none"
19           />
20           <div
21             id="profileMenu"
22             className="absolute right-0 mt-2 w-40 bg-white rounded-md shadow-lg py-2 hidden"
23           >
24             <a href="#" className="block px-4 py-2 text-gray-700 hover:bg-gray-100">
25               Profile
26             </a>
27             <button
28               onClick={() => {
29                 confirmLogout(() => {
30                   localStorage.removeItem("user");
31                   toastSuccess("Berhasil logout!");
32                   location.href = "/";
33                 })
34               }
35               className="w-full text-left px-4 py-2 text-gray-700 hover:bg-gray-100"
36             >
37               Logout
38             </button>
39           </div>
40         </div>
41       </div>
42     </header>
43   );
44 };
45
46 export default Header;
```

Hasil Tampilan Swal2:

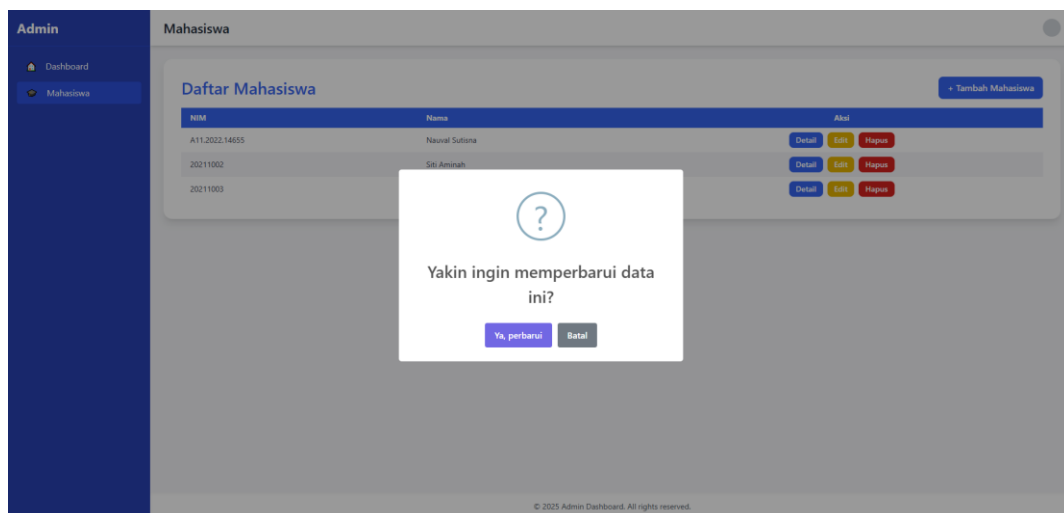
Konfirmasi Logout user



Konfirmasi hapus mahasiswa

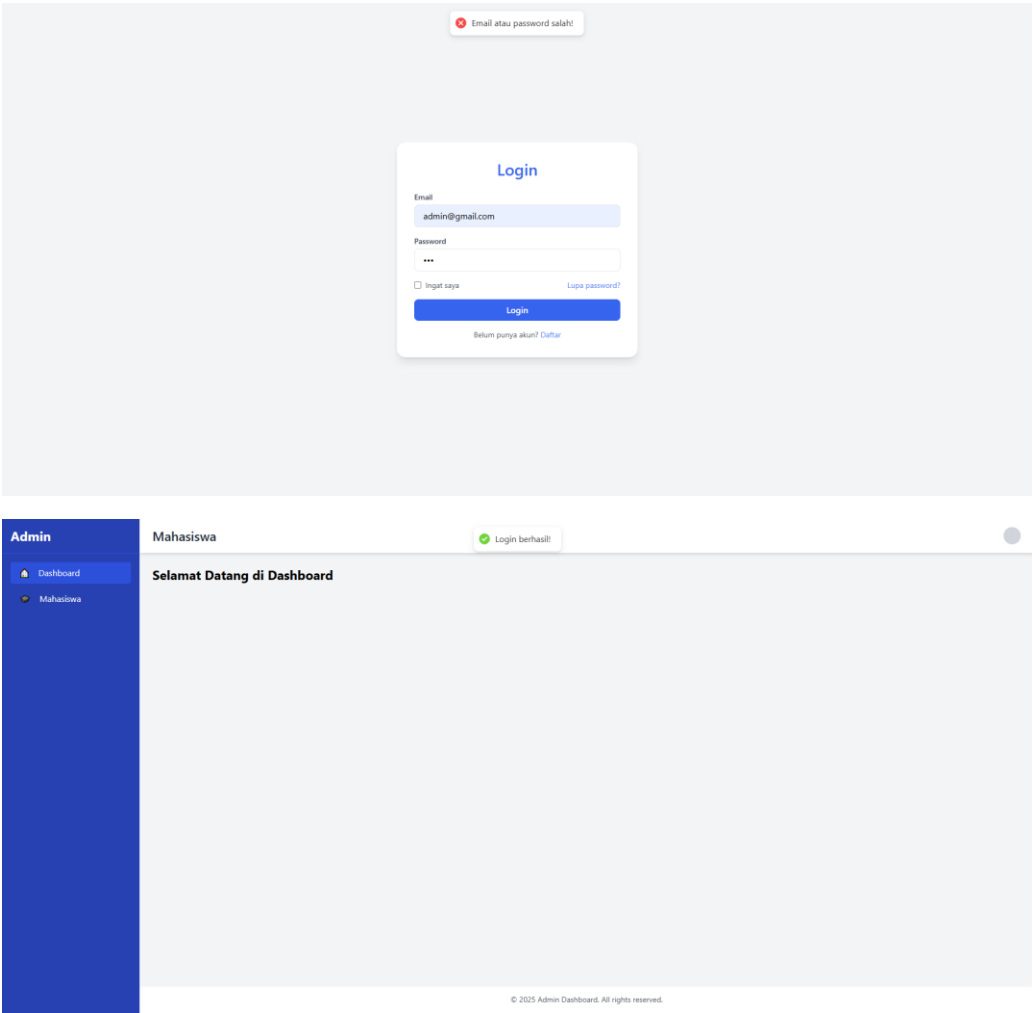


Konfirmasi sebelum simpan perubahan data

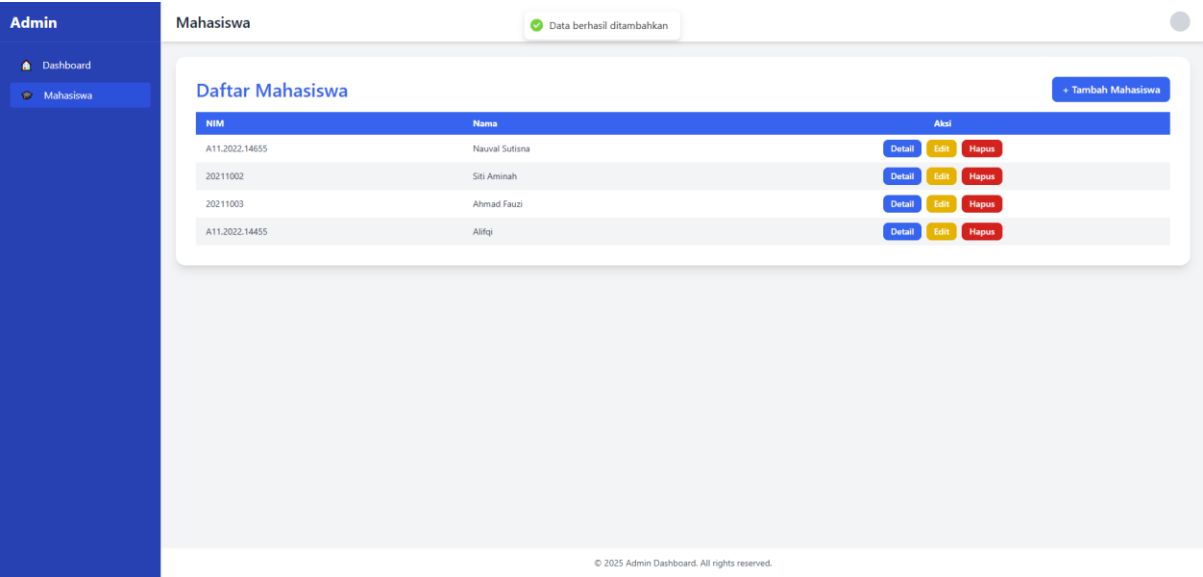


Hasil tampilan Toast

Informasi Login berhasil atau gagal



Informasi menyimpan atau menghapus data berhasil atau gagal



Admin

Dashboard

Mahasiswa

Mahasiswa

✓ Data berhasil dihapus

Daftar Mahasiswa

Tambah Mahasiswa

NIM	Nama	Aksi
A11.2022.14655	Nauval Sultana	<div>DetailEditHapus</div>
20211002	Siti Aminah	<div>DetailEditHapus</div>
20211003	Ahmad Fauzi	<div>DetailEditHapus</div>

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Informasi mengupdate data dengan feedback berhasil atau gagal

Admin

Dashboard

Mahasiswa

Mahasiswa

✓ Data berhasil diperbarui

Daftar Mahasiswa

Tambah Mahasiswa

NIM	Nama	Aksi
A11.2022.14655	Nauval	<div>DetailEditHapus</div>
20211002	Siti Aminah	<div>DetailEditHapus</div>
20211003	Ahmad Fauzi	<div>DetailEditHapus</div>

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