

Source code :

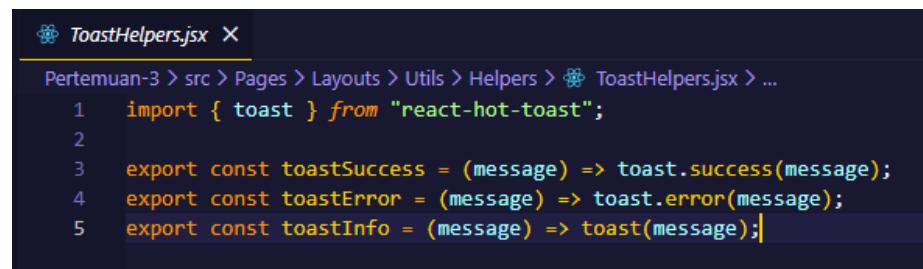
Src/Pages/Layouts/Utils/Helpers/SwalHelpers.jsx



```
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

```
  Loginjsx ×
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
41   return (
42     <Card className="max-w-md">
43       <Heading as="h2">Login</Heading>
44       <Form onSubmit={handleSubmit}>
45         <div>
46           <Label htmlFor="email">Email</Label>
47           <Input
48             type="email"
49             name="email"
50             value={form.email}
51             onChange={handleChange}
52             placeholder="Masukkan email"
53             required
54           />
55         </div>
56         <div>
57           <Label htmlFor="password">Password</Label>
58           <Input
59             type="password"
60             name="password"
61             value={form.password}
62             onChange={handleChange}
63             placeholder="Masukkan password"
64             required
65           />
66         </div>
67         <div className="flex justify-between items-center">
68           <label className="flex items-center">
69             <input type="checkbox" className="mr-2" />
70             <span className="text-sm text-gray-600">Ingat saya</span>
71           </label>
72           <Link href="#" className="text-sm">
73             Lupa password?
74           </Link>
75         </div>
76         <Button type="submit" className="w-full">
77           Login
78         </Button>
79       </Form>
80       <p className="text-sm text-center text-gray-600 mt-4">
81         Belum punya akun? <Link href="#">Daftar</Link>
82       </p>
83     </Card>
84   );
85
86 export default Login
```

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

## Src/Pages/Admin/Mahasiswa.jsx

```
❸ Mahasiswajsx ✘
Pertemuan-3 > src > Pages > Admin > ❸ Mahasiswajsx > ...
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   };
51
52   // Hapus data mahasiswa
53   const deleteMahasiswa = (nim) => {
54     confirmDelete() => {
55       const filtered = mahasiswa.filter((mhs) => mhs.nim !== nim);
56       setMahasiswa(filtered);
57       toastSuccess("Data berhasil dihapus");
58     };
59   };
60
61   // Buka modal untuk tambah
62   const handleAdd = () => {
63     setForm({ nim: "", nama: "" });
64     setIsEdit(false);
65     setIsModalOpen(true);
66   };
67
68   // Buka modal untuk edit
69   const handleEdit = (mhs) => {
70     setForm(mhs);
71     setOriginalNim(mhs.nim);
72     setIsEdit(true);
73     setIsModalOpen(true);
74   };
75
76   // Submit form
77   const handleSubmit = (e) => {
78     e.preventDefault();
79
80     if (!form.nim.trim() || !form.nama.trim()) {
81       alert("NIM dan Nama wajib diisi!");
82       return;
83     }
84
85     if (isEdit) {
86       // ♦ Gunakan konfirmasi sebelum update
87       confirmUpdate(() => {
88         updateMahasiswa(originalNim, form);
89         toastSuccess("Data berhasil diperbarui");
90         closeModal();
91       });
92     }
93   };
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```
❶ Mahasiswa.jsx X
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > [Mahasiswa] > [handleSubmit]
12  const Mahasiswa = () => {
13    const handleSubmit = (e) => {
14      if (e.preventDefault) e.preventDefault();
15
16      const nim = e.target.elements[0].value;
17      const nama = e.target.elements[1].value;
18
19      if (!nim || !nama) {
20        alert("NIM dan Nama tidak boleh kosong!");
21        return;
22      }
23
24      const form = {
25        nim,
26        nama
27      };
28
29      const toastSuccess = () => {
30        toast("Data berhasil ditambahkan!");
31      };
32
33      const toastError = () => {
34        toast("Terjadi kesalahan saat menambahkan data!");
35      };
36
37      const addMahasiswa = async () => {
38        try {
39          const response = await fetch(`http://localhost:5000/mahasiswa`, {
40            method: "POST",
41            headers: {
42              "Content-Type": "application/json"
43            },
44            body: JSON.stringify(form)
45          });
46
47          const data = await response.json();
48
49          if (data.error) {
50            toastError();
51            return;
52          }
53
54          toastSuccess();
55        } catch (error) {
56          toastError();
57        }
58      };
59
60      addMahasiswa();
61
62      setForm({ nim: "", nama: "" });
63      setIsEdit(false);
64      setIsModalOpen(false);
65      setOriginalNim(null);
66    };
67  };
68
69  return (
70    <>
71    <Card>
72      <div className="flex justify-between items-center mb-4">
73        <Heading as="h2" className="mb-0 text-left">
74          Daftar Mahasiswa
75        </Heading>
76        <Button onClick={openAddModal}>+ Tambah Mahasiswa</Button>
77      </div>
78
79      <TableMahasiswa
80        data={mahasiswa}
81        onEdit={handleEdit}
82        onDelete={deleteMahasiswa}
83        onDetail={(nim) => navigate(`/admin/mahasiswa/${nim}`)}
84      />
85
86    </Card>
87
88    <ModalMahasiswa
89      isOpen={isModalOpen}
90      isEdit={isEdit}
91      form={form}
92    >
93    </ModalMahasiswa>
94  );
95
96  export default Mahasiswa;
```

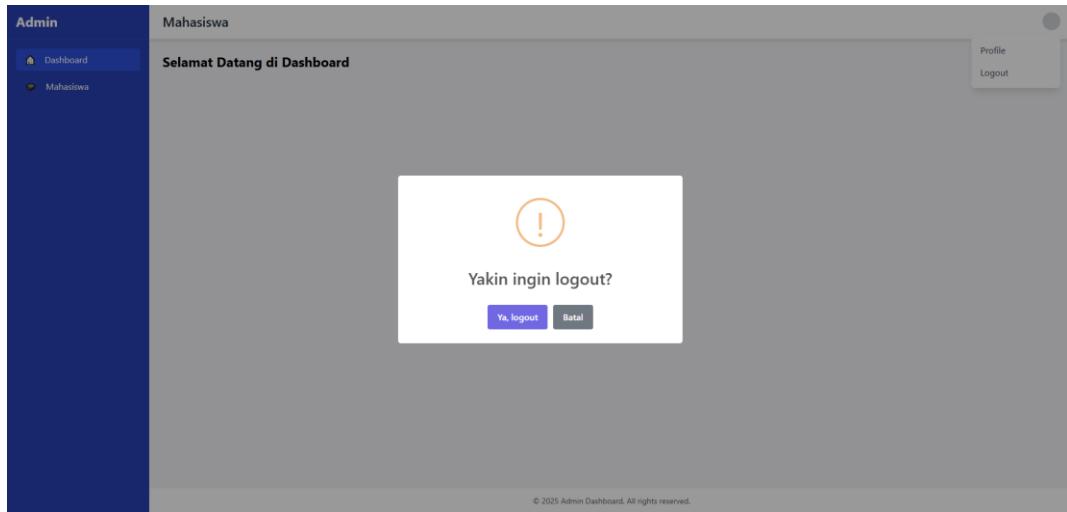
```
❶ Mahasiswa.jsx X
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > [Mahasiswa]
12  const Mahasiswa = () => {
13    </Card>
14
15    <ModalMahasiswa
16      isOpen={isModalOpen}
17      isEdit={isEdit}
18      form={form}
19      onChange={handleChange}
20      onClose={() => setIsModalOpen(false)}
21      onSubmit={handleSubmit}
22    >
23    </ModalMahasiswa>
24  );
25
26  export default Mahasiswa;
```

## Src/Pages/Layout/Components/Header.jsx

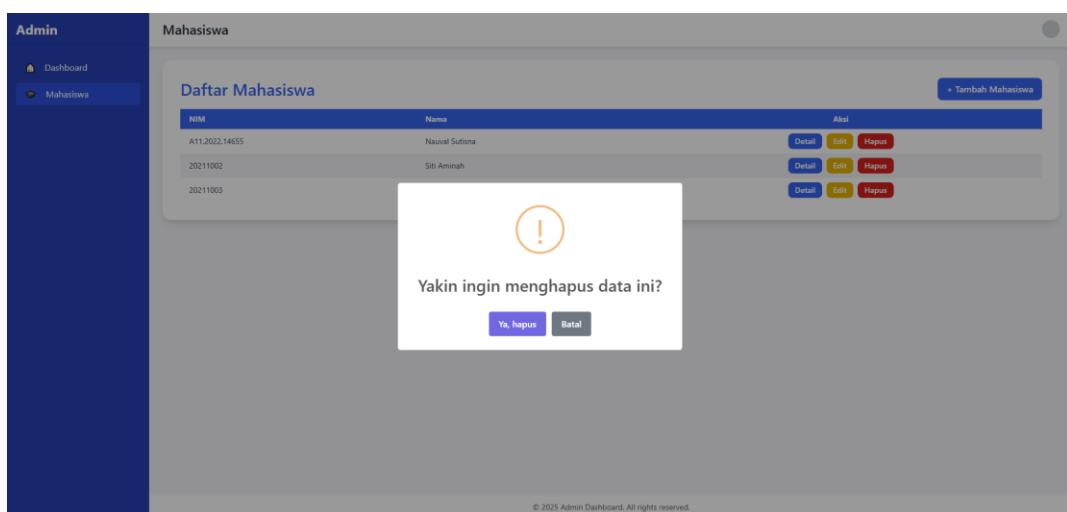
```
Header.jsx •
Pertemuan-3 > src > Pages > Layouts > Components > Header.jsx > [e] default
  1 import Button from "@/Pages/Layouts/Components/Button";
  2 import { confirmLogout } from "@/Pages/Layouts/Utils/Helpers/SwalHelpers";
  3 import { toastSuccess } from "@/Pages/Layouts/Utils/Helpers/ToastHelpers";
  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:

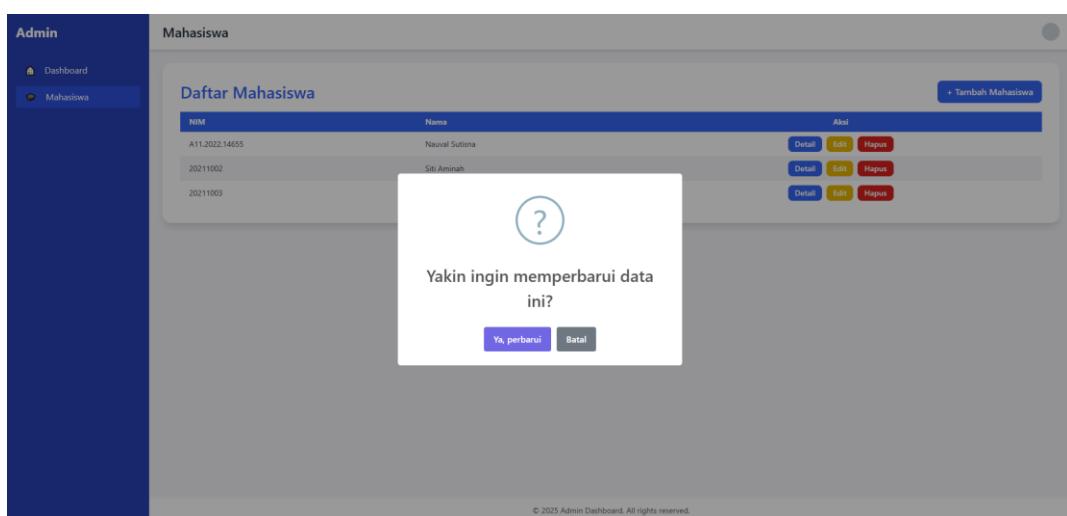
Konfirmasi Logout user



Konfirmasi hapus mahasiswa

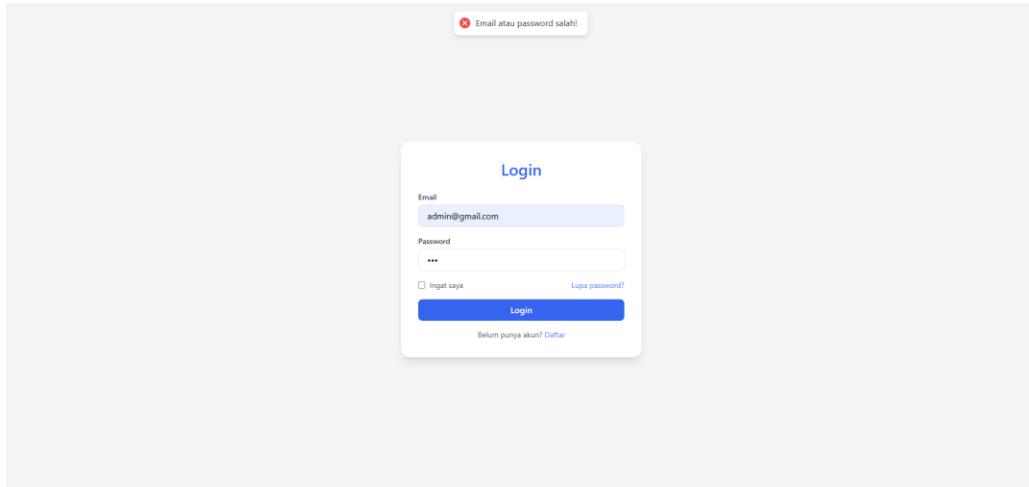


Konfirmasi sebelum simpan perubahan data

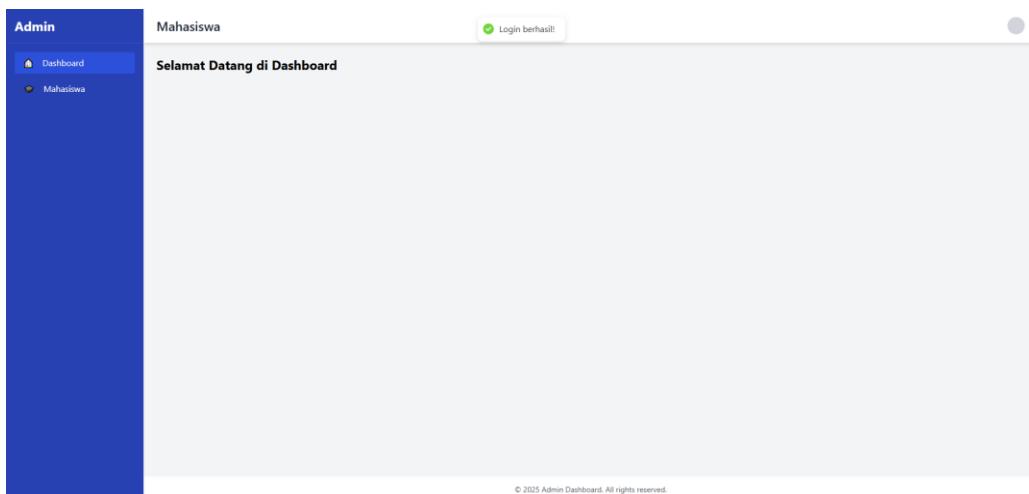


## Hasil tampilan Toast

Informasi Login berhasil atau gagal

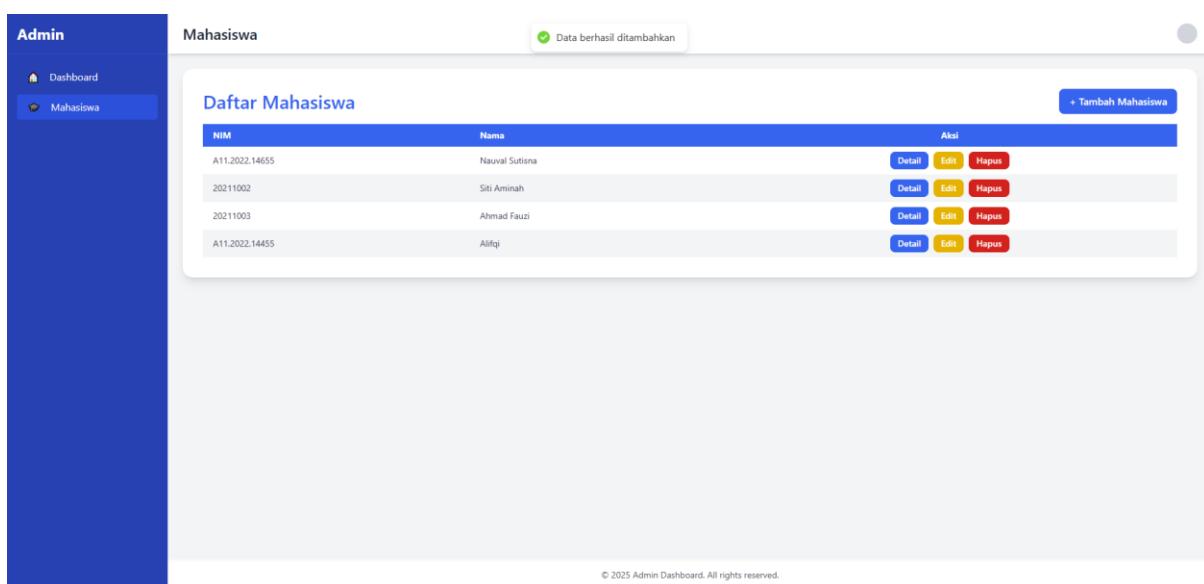


The screenshot shows a login form with fields for Email and Password. Below the form, a red exclamation mark icon is followed by the text "Email atau password salah!" (Email or password incorrect!).

The screenshot shows a dashboard with a sidebar labeled "Admin" containing "Dashboard" and "Mahasiswa". The main area is titled "Mahasiswa" and displays the message "Selamat Datang di Dashboard". A green checkmark icon is followed by the text "Login berhasil!" (Login successful!).

Informasi menyimpan atau menghapus data berhasil atau gagal



The screenshot shows a list of students under the "Mahasiswa" tab. The header of the table is "Daftar Mahasiswa". A green checkmark icon is followed by the text "Data berhasil ditambahkan" (Data successfully added). The table lists four students with their NIM and Name:

NIM	Nama	Aksi
A11.2022.14655	Nauval Sutisna	[Detail] [Edit] [Hapus]
20211002	Siti Aminah	[Detail] [Edit] [Hapus]
20211003	Ahmad Fauzi	[Detail] [Edit] [Hapus]
A11.2022.14455	Alifqi	[Detail] [Edit] [Hapus]

The screenshot shows a dark blue sidebar on the left labeled "Admin". Under "Mahasiswa", there are "Dashboard" and "Mahasiswa" options. The main content area has a title "Mahasiswa" and a success message "Data berhasil dihapus" (Data deleted successfully). A table titled "Daftar Mahasiswa" lists three students: Nauval Sutisna (NIM A11.2022.14655), Siti Aminah (NIM 20211002), and Ahmad Fauzi (NIM 20211003). Each row has "Detail", "Edit", and "Hapus" buttons. A "Tambah Mahasiswa" button is at the top right.

Informasi mengupdate data dengan feedback berhasil atau gagal

The screenshot shows a dark blue sidebar on the left labeled "Admin". Under "Mahasiswa", there are "Dashboard" and "Mahasiswa" options. The main content area has a success message "Data berhasil diperbarui" (Data updated successfully). A table titled "Daftar Mahasiswa" lists three students: Nauval (NIM A11.2022.14655), Siti Aminah (NIM 20211002), and Ahmad Fauzi (NIM 20211003). Each row has "Detail", "Edit", and "Hapus" buttons. A "Tambah Mahasiswa" button is at the top right.