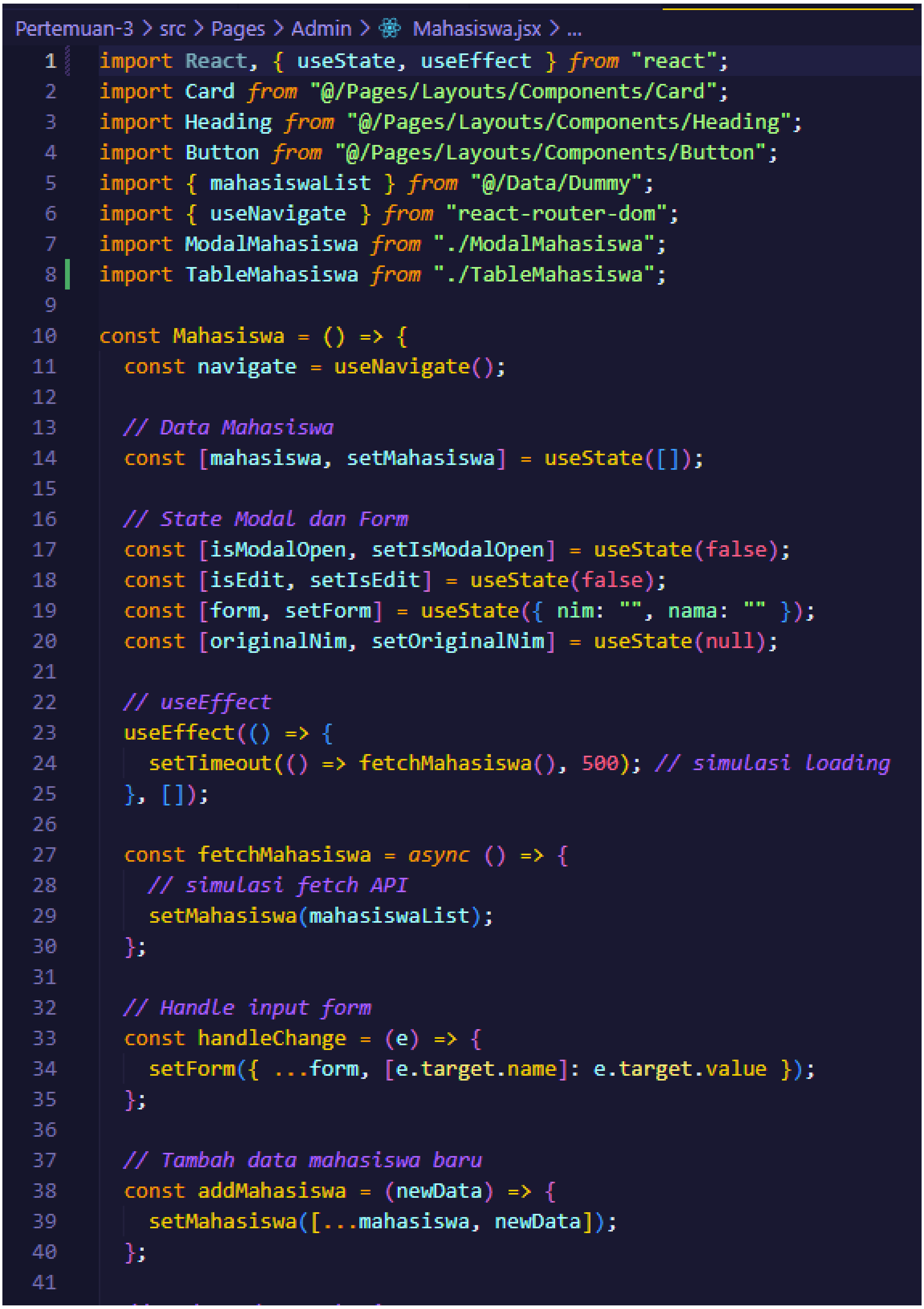
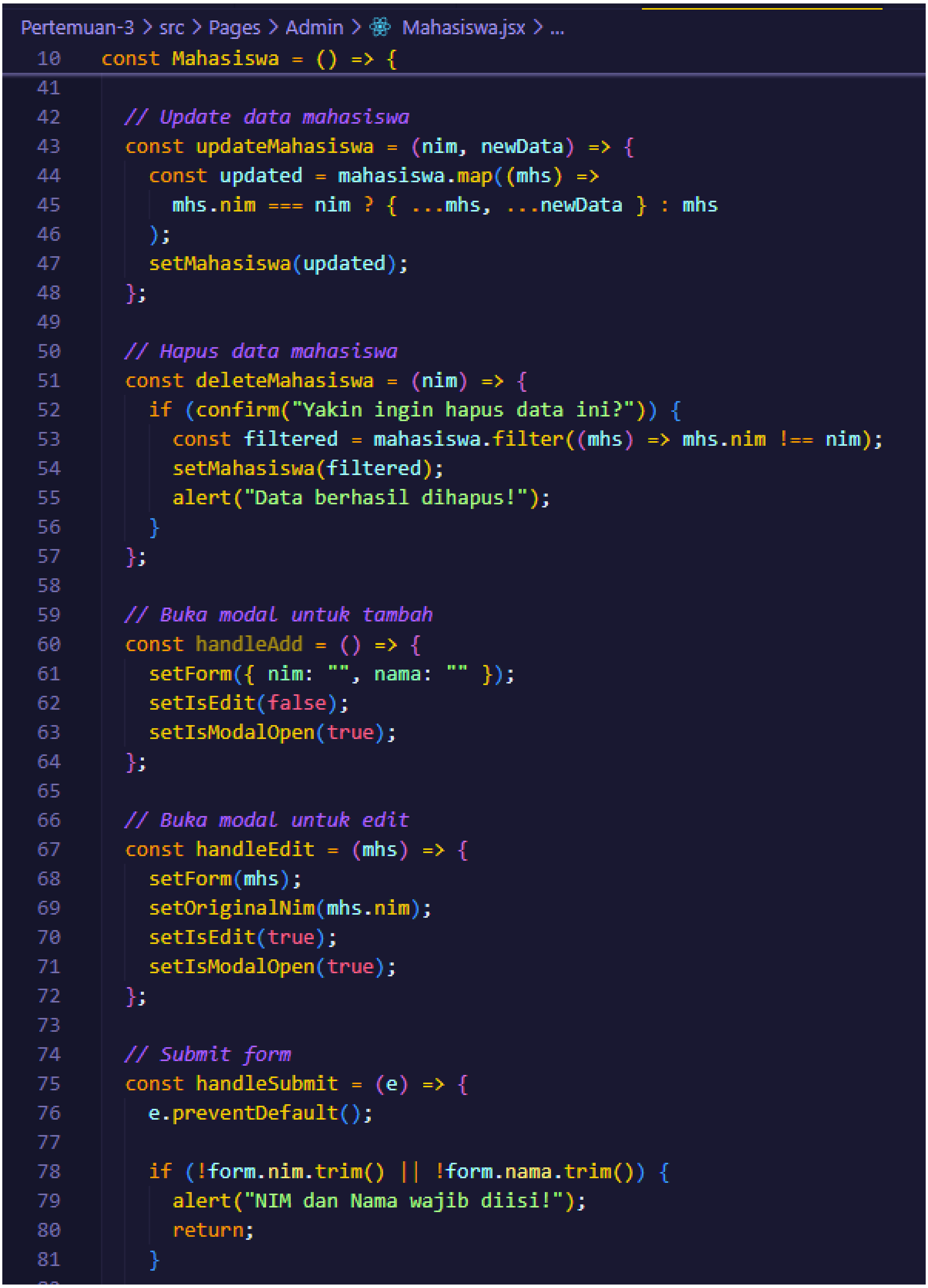
TUGAS 6

Source Code:

/src/Pages/Admin/Mahasiswa.jsx

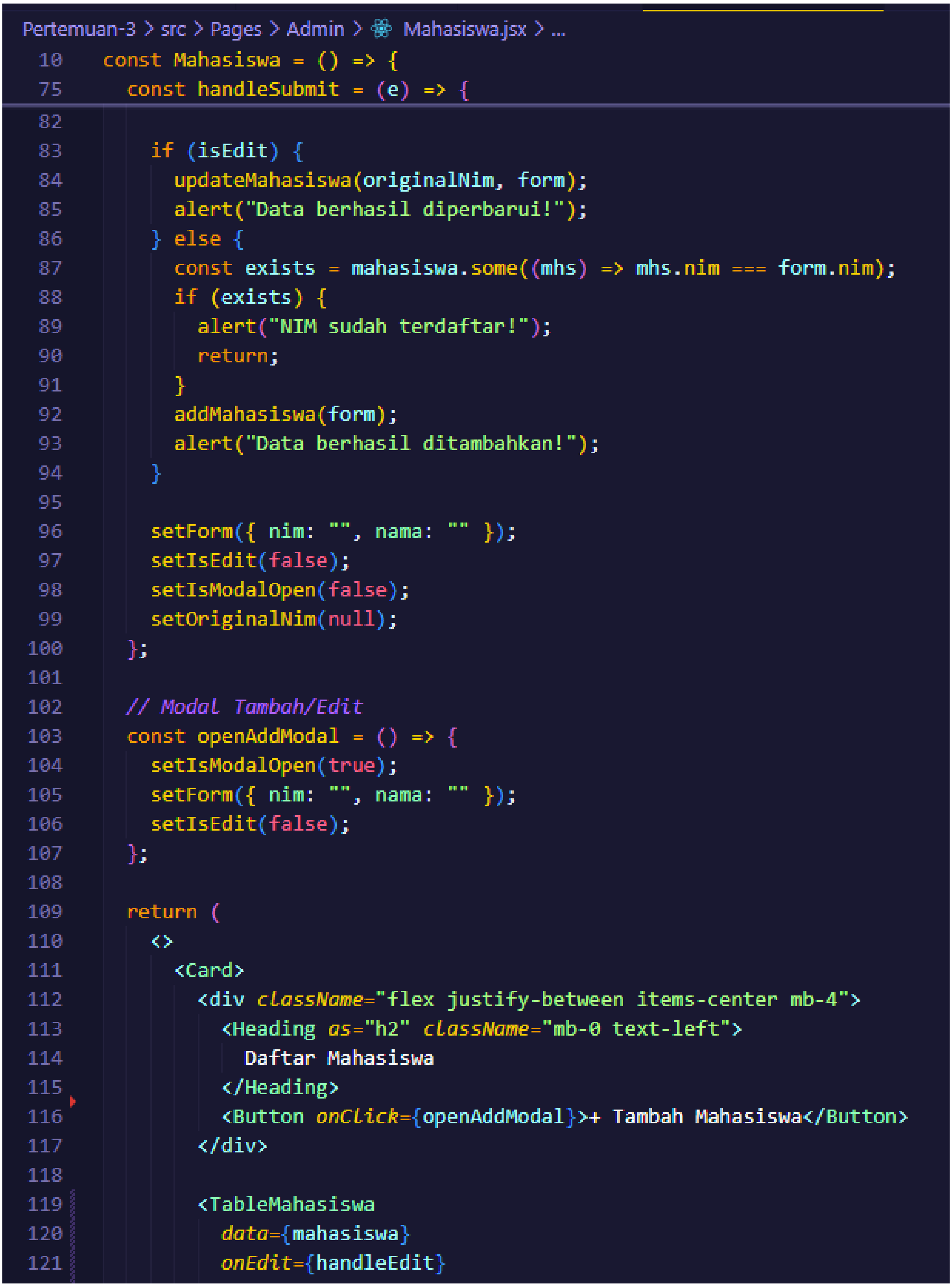


```jsx
import React, { useState, useEffect } from "react";
import Card from "@/Pages/Layouts/Components/Card";
import Heading from "@/Pages/Layouts/Components/Heading";
import Button from "@/Pages/Layouts/Components/Button";
import { mahasiswaList } from "@/Data/Dummy";
import { useNavigate } from "react-router-dom";
import ModalMahasiswa from "./ModalMahasiswa";
import TableMahasiswa from "./TableMahasiswa";

const Mahasiswa = () => {
  const navigate = useNavigate();

  // Data Mahasiswa
  const [mahasiswa, setMahasiswa] = useState([]);

  // State Modal dan Form
  const [isModalOpen, setIsModalOpen] = useState(false);
  const [isEdit, setIsEdit] = useState(false);
  const [form, setForm] = useState({ nim: "", nama: "" });
  const [originalNim, setOriginalNim] = useState(null);

  // useEffect
  useEffect(() => {
    setTimeout(() => fetchMahasiswa(), 500); // simulasi loading
  }, []);

  const fetchMahasiswa = async () => {
    // simulasi fetch API
    setMahasiswa(mahasiswaList);
  };

  // Handle input form
  const handleChange = (e) => {
    setForm({ ...form, [e.target.name]: e.target.value });
  };

  // Tambah data mahasiswa baru
  const addMahasiswa = (newData) => {
    setMahasiswa([...mahasiswa, newData]);
  };

```



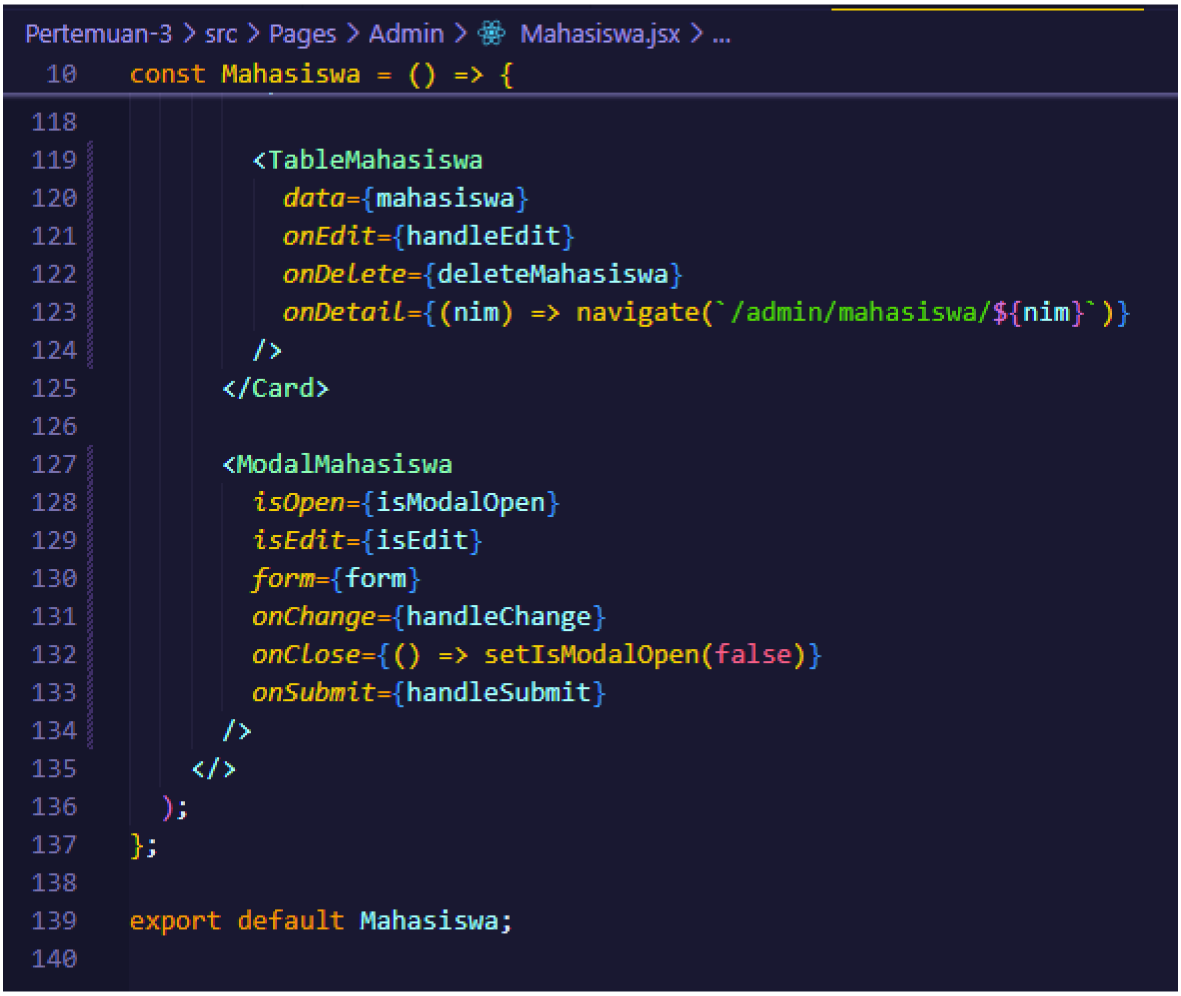
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > ...

```jsx
const Mahasiswa = () => {

  // Update data mahasiswa
  const updateMahasiswa = (nim, newData) => {
    const updated = mahasiswa.map((mhs) =>
      mhs.nim === nim ? { ...mhs, ...newData } : mhs
    );
    setMahasiswa(updated);
  };

  // Hapus data mahasiswa
  const deleteMahasiswa = (nim) => {
    if (confirm("Yakin ingin hapus data ini?")) {
      const filtered = mahasiswa.filter((mhs) => mhs.nim !== nim);
      setMahasiswa(filtered);
      alert("Data berhasil dihapus!");
    }
  };

  // Buka modal untuk tambah
  const handleAdd = () => {
    setForm({ nim: "", nama: "" });
    setIsEdit(false);
    setIsModalOpen(true);
  };

  // Buka modal untuk edit
  const handleEdit = (mhs) => {
    setForm(mhs);
    setOriginalNim(mhs.nim);
    setIsEdit(true);
    setIsModalOpen(true);
  };

  // Submit form
  const handleSubmit = (e) => {
    e.preventDefault();

    if (!form.nim.trim() || !form.nama.trim()) {
      alert("NIM dan Nama wajib diisi!");
      return;
    }
```



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

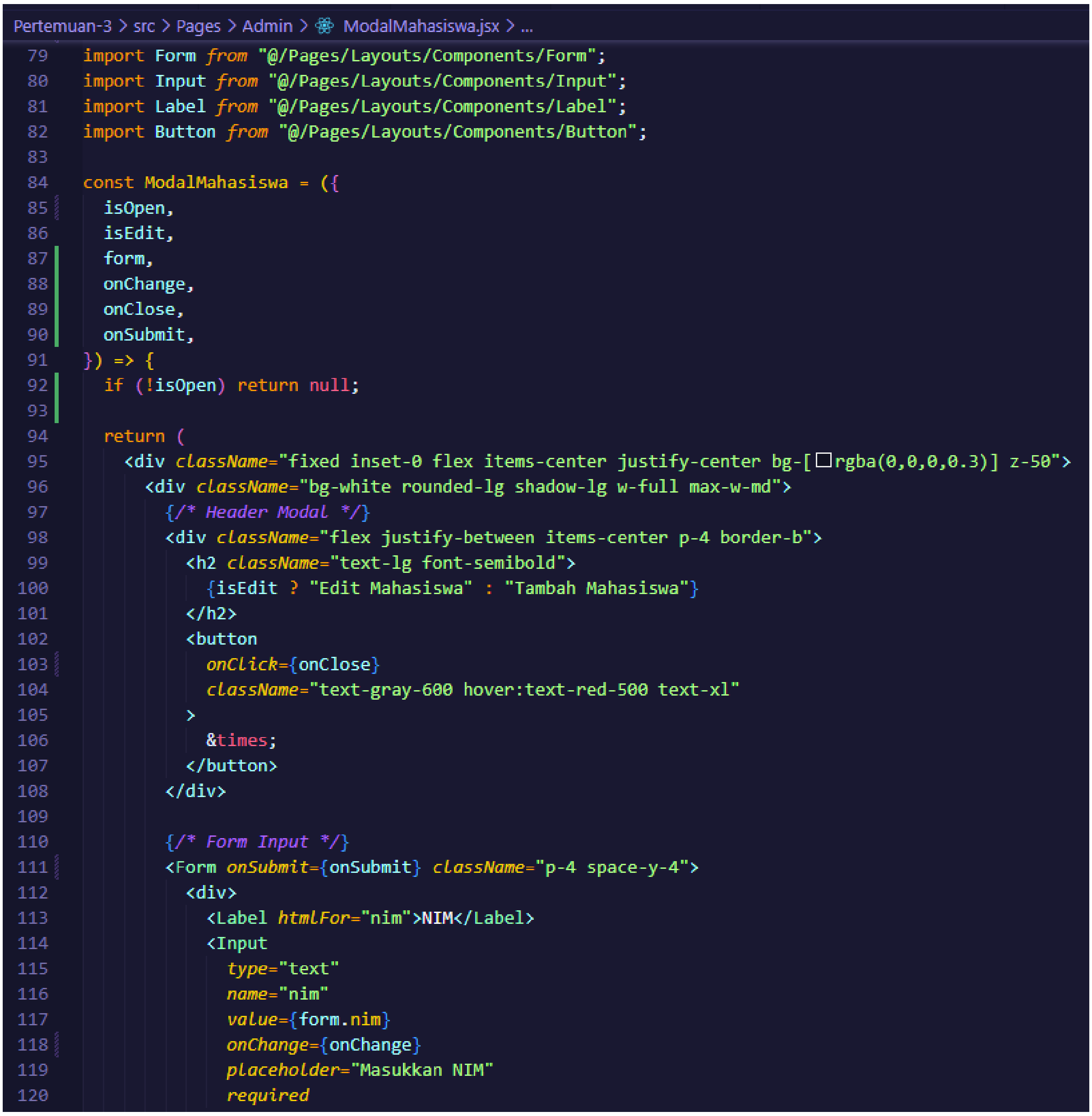
```
const Mahasiswa = () => {
  const handleSubmit = (e) => {

    if (isEdit) {
      updateMahasiswa(originalNim, form);
      alert("Data berhasil diperbarui!");
    } else {
      const exists = mahasiswa.some((mhs) => mhs.nim === form.nim);
      if (exists) {
        alert("NIM sudah terdaftar!");
        return;
      }
      addMahasiswa(form);
      alert("Data berhasil ditambahkan!");
    }

    setForm({ nim: "", nama: "" });
    setIsEdit(false);
    setIsModalOpen(false);
    setOriginalNim(null);
  };

  // Modal Tambah/Edit
  const openAddModal = () => {
    setIsModalOpen(true);
    setForm({ nim: "", nama: "" });
    setIsEdit(false);
  };

  return (
    <>
      <Card>
        <div className="flex justify-between items-center mb-4">
          <Heading as="h2" className="mb-0 text-left">
            Daftar Mahasiswa
          </Heading>
          <Button onClick={openAddModal}>+ Tambah Mahasiswa</Button>
        </div>

        <TableMahasiswa
          data={mahasiswa}
          onEdit={handleEdit}
```



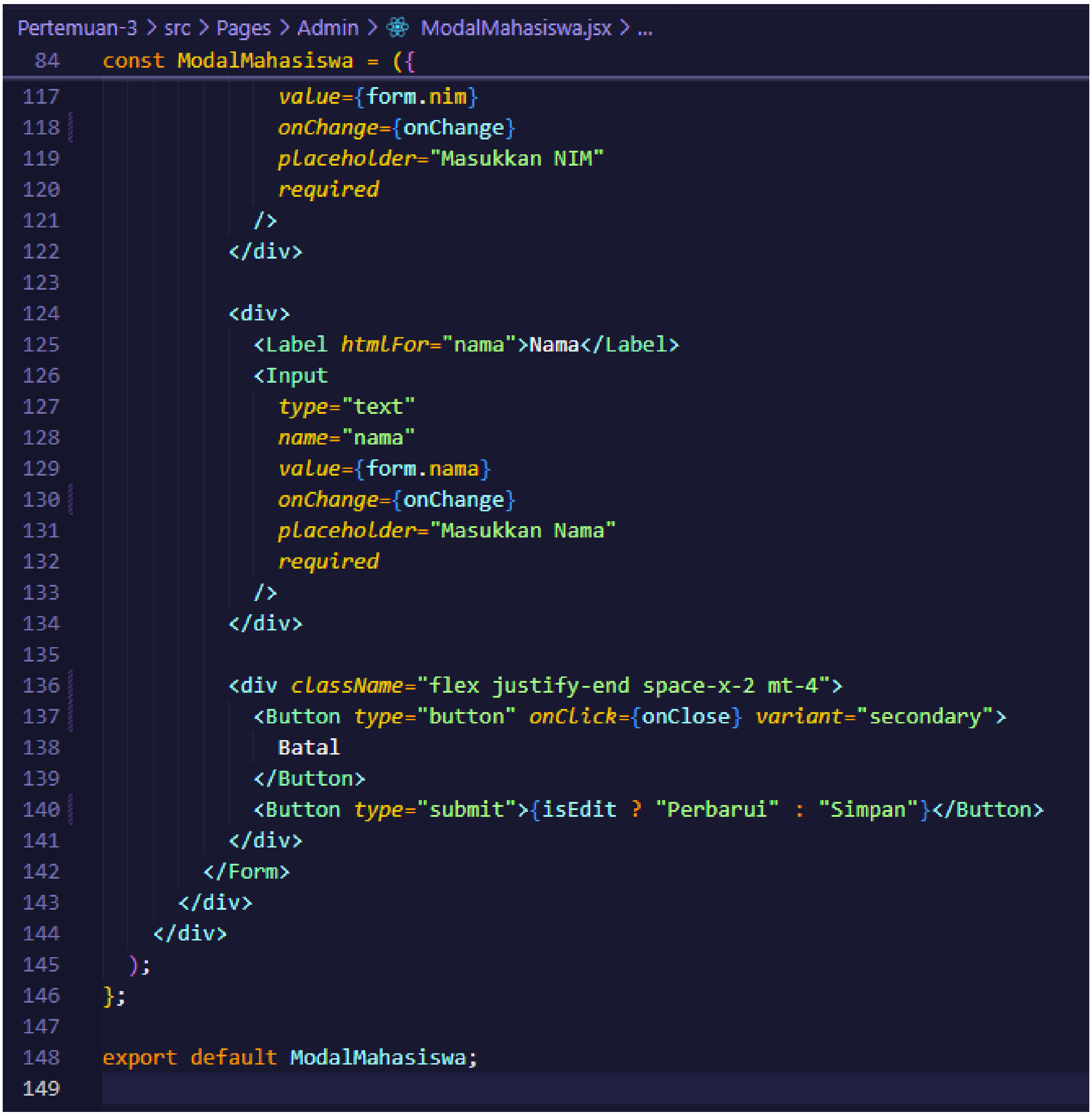
Pertemuan-3 > src > Pages > Admin > Mahasiswa.jsx > ...

```jsx
const Mahasiswa = () => {

        <TableMahasiswa
          data={mahasiswa}
          onEdit={handleEdit}
          onDelete={deleteMahasiswa}
          onDetail={(nim) => navigate(`/admin/mahasiswa/${nim}`)}
        />
      </Card>

      <ModalMahasiswa
        isOpen={isModalOpen}
        isEdit={isEdit}
        form={form}
        onChange={handleChange}
        onClose={() => setIsModalOpen(false)}
        onSubmit={handleSubmit}
      />
    </>
  );
};

export default Mahasiswa;

```

/src/Pages/Admin/ModalMahasiswa.jsx


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

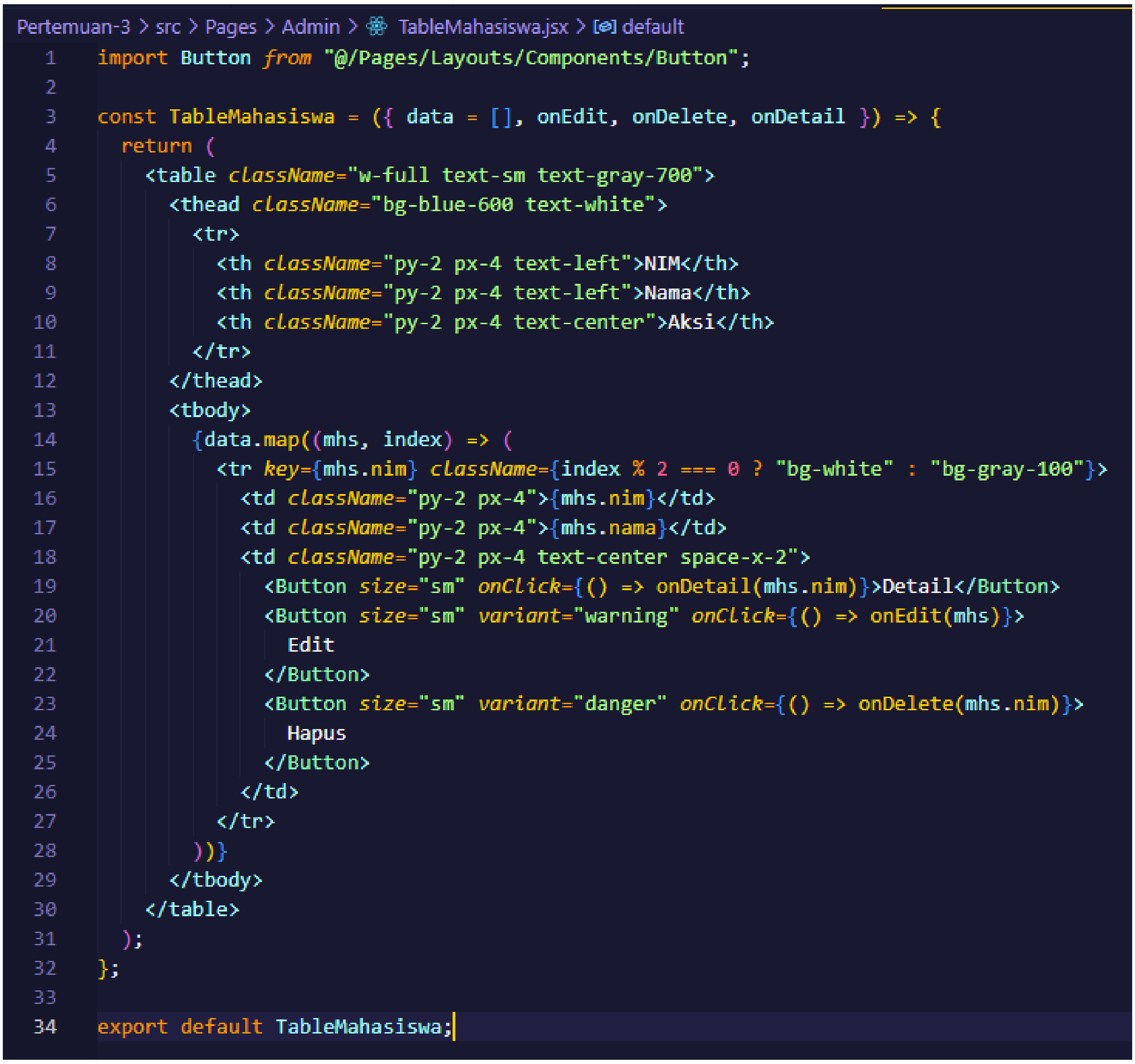
```jsx
import Form from "@/Pages/Layouts/Components/Form";
import Input from "@/Pages/Layouts/Components/Input";
import Label from "@/Pages/Layouts/Components/Label";
import Button from "@/Pages/Layouts/Components/Button";

const ModalMahasiswa = ({
  isOpen,
  isEdit,
  form,
  onChange,
  onClose,
  onSubmit,
}) => {
  if (!isOpen) return null;

  return (
    <div className="fixed inset-0 flex items-center justify-center bg-[rgba(0,0,0,0.3)] z-50">
      <div className="bg-white rounded-lg shadow-lg w-full max-w-md">
        {/* Header Modal */}
        <div className="flex justify-between items-center p-4 border-b">
          <h2 className="text-lg font-semibold">
            {isEdit ? "Edit Mahasiswa" : "Tambah Mahasiswa"}
          </h2>
          <button
            onClick={onClose}
            className="text-gray-600 hover:text-red-500 text-xl"
          >
            &times;
          </button>
        </div>

        {/* Form Input */}
        <Form onSubmit={onSubmit} className="p-4 space-y-4">
          <div>
            <Label htmlFor="nim">NIM</Label>
            <Input
              type="text"
              name="nim"
              value={form.nim}
              onChange={onChange}
              placeholder="Masukkan NIM"
              required
```



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

```
const ModalMahasiswa = ({
              value={form.nim}
              onChange={onChange}
              placeholder="Masukkan NIM"
              required
            />
          </div>

          <div>
            <Label htmlFor="nama">Nama</Label>
            <Input
              type="text"
              name="nama"
              value={form.nama}
              onChange={onChange}
              placeholder="Masukkan Nama"
              required
            />
          </div>

          <div className="flex justify-end space-x-2 mt-4">
            <Button type="button" onClick={onClose} variant="secondary">
              Batal
            </Button>
            <Button type="submit">{isEdit ? "Perbarui" : "Simpan"}</Button>
          </div>
        </Form>
      </div>
    </div>
  );
};

export default ModalMahasiswa;
```

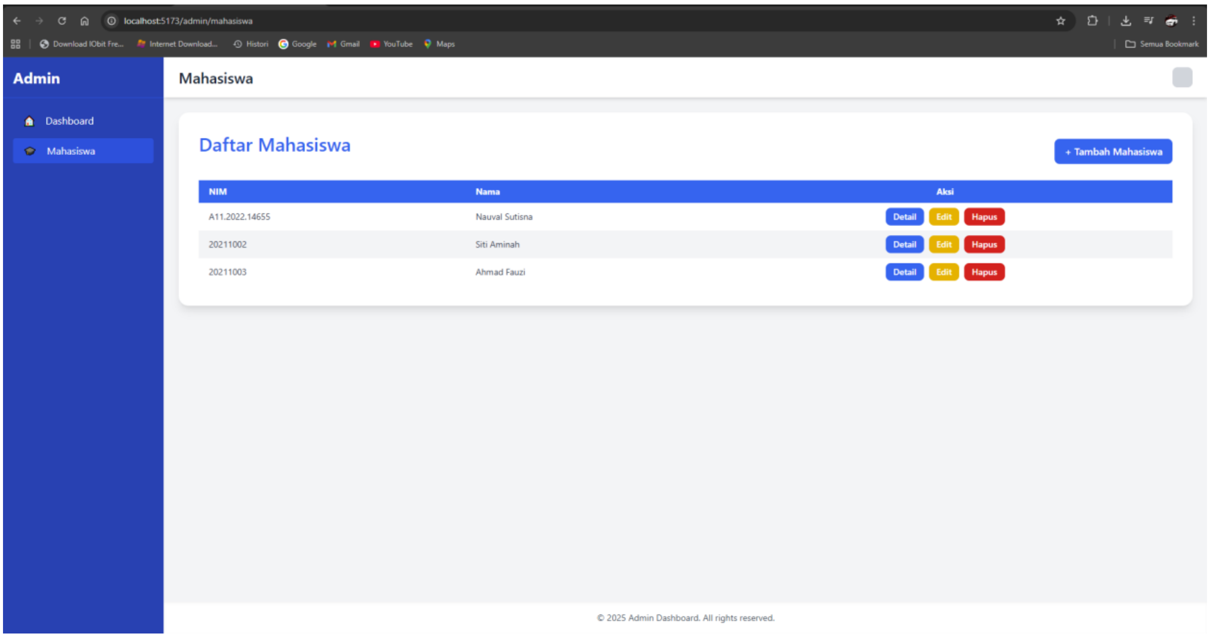
/src/Pages/Admin/TableMahasiswa.jsx



Pertemuan-3 > src > Pages > Admin > TableMahasiswa.jsx > [ø] default

```jsx
import Button from "@/Pages/Layouts/Components/Button";

const TableMahasiswa = ({ data = [], onEdit, onDelete, onDetail }) => {
  return (
    <table className="w-full text-sm text-gray-700">
      <thead className="bg-blue-600 text-white">
        <tr>
          <th className="py-2 px-4 text-left">NIM</th>
          <th className="py-2 px-4 text-left">Nama</th>
          <th className="py-2 px-4 text-center">Aksi</th>
        </tr>
      </thead>
      <tbody>
        {data.map((mhs, index) => (
          <tr key={mhs.nim} className={index % 2 === 0 ? "bg-white" : "bg-gray-100"}>
            <td className="py-2 px-4">{mhs.nim}</td>
            <td className="py-2 px-4">{mhs.nama}</td>
            <td className="py-2 px-4 text-center space-x-2">
              <Button size="sm" onClick={() => onDetail(mhs.nim)}>Detail</Button>
              <Button size="sm" variant="warning" onClick={() => onEdit(mhs)}>
                Edit
              </Button>
              <Button size="sm" variant="danger" onClick={() => onDelete(mhs.nim)}>
                Hapus
              </Button>
            </td>
          </tr>
        ))}
      </tbody>
    </table>
  );
};

export default TableMahasiswa;
```

Hasil Tampilan:



Daftar Mahasiswa

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

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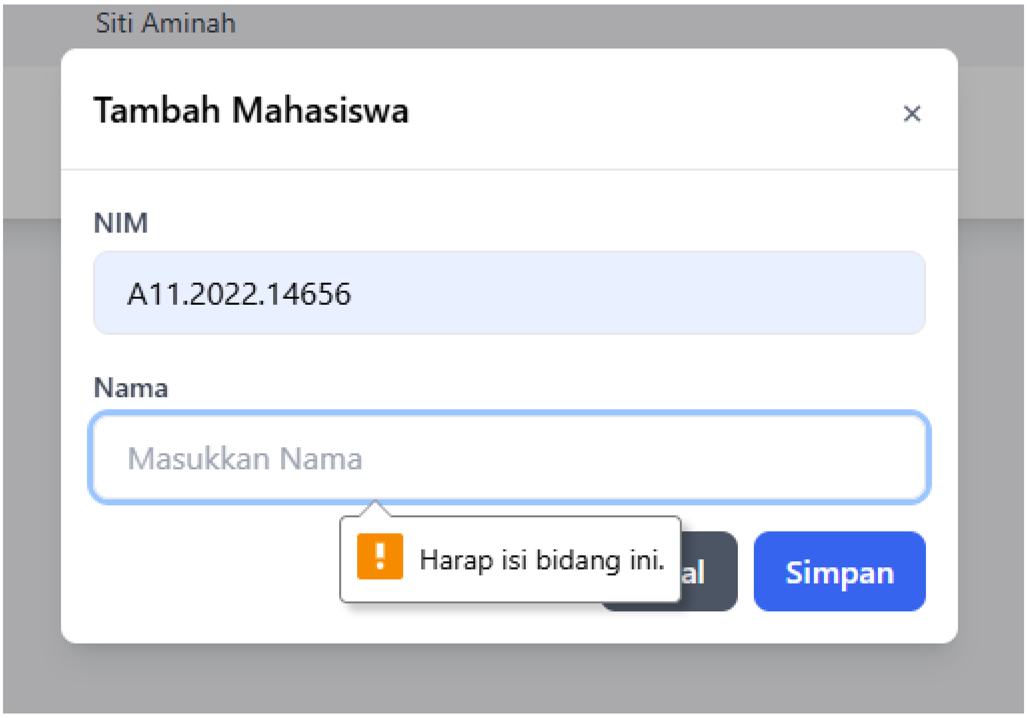


Tambah Mahasiswa

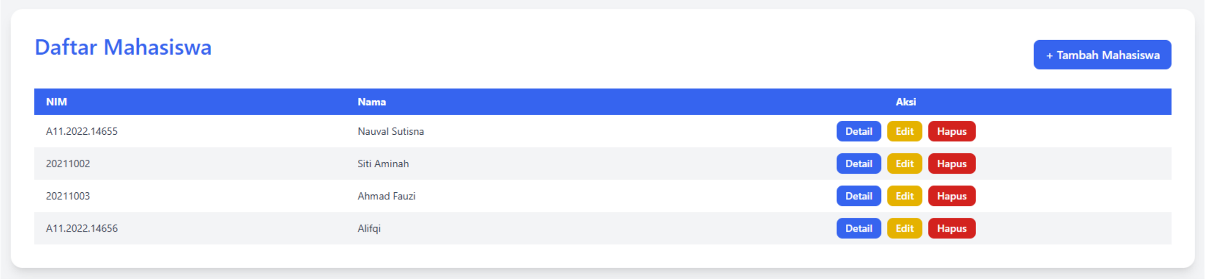
NIM

A11.2022.14656

Nama

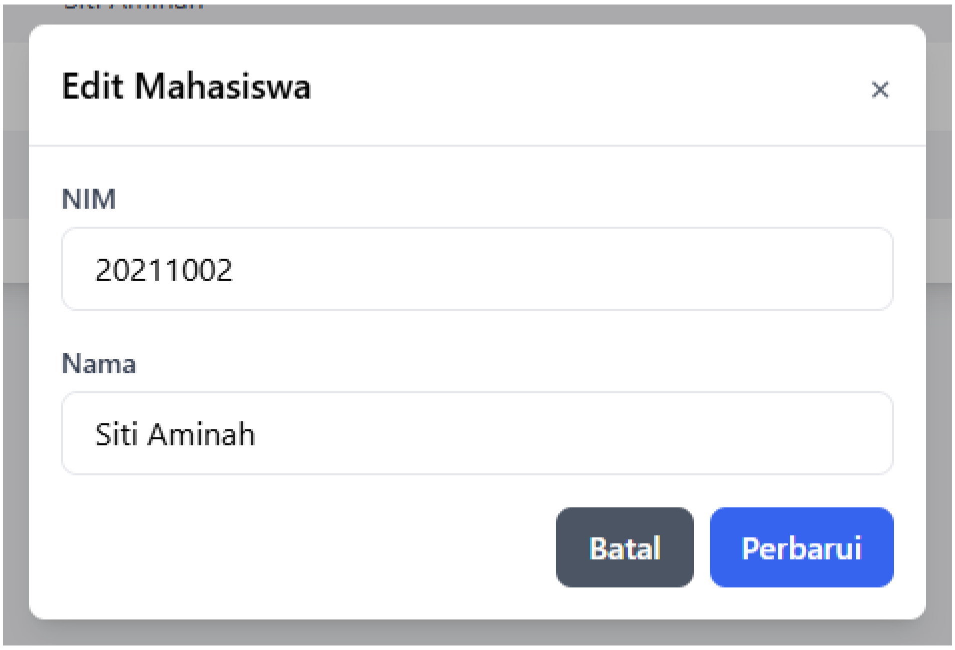
Masukkan Nama

Harap isi bidang ini.



Daftar Mahasiswa

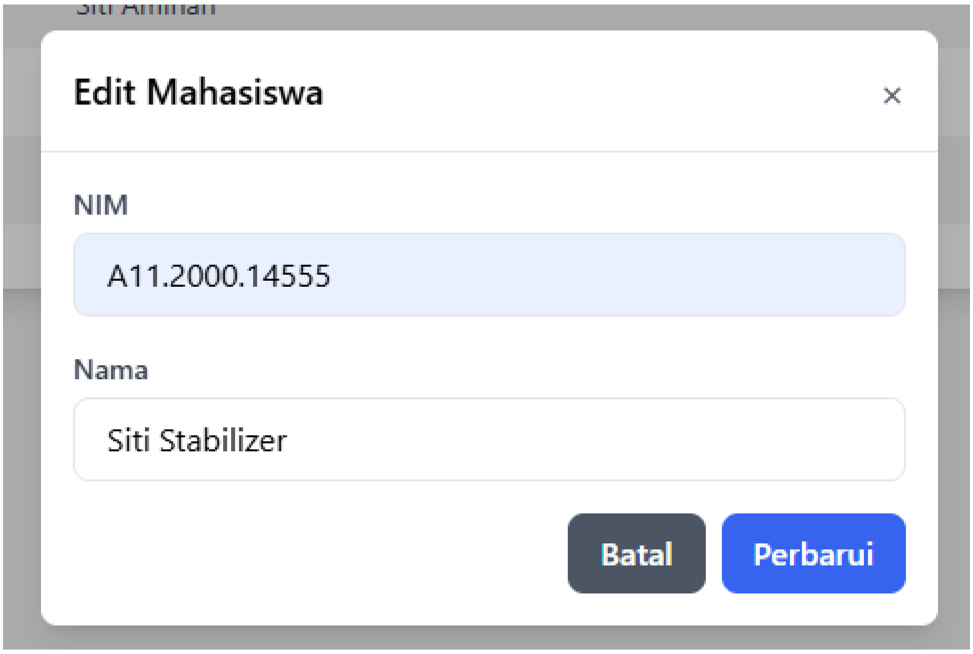
NIM	Nama	Aksi
A11.2022.14655	Nauval Sutisna	Detail Edit Hapus
20211002	Siti Aminah	Detail Edit Hapus
20211003	Ahmad Fauzi	Detail Edit Hapus
A11.2022.14656	Alifqi	Detail Edit Hapus



Edit Mahasiswa

NIM: 20211002

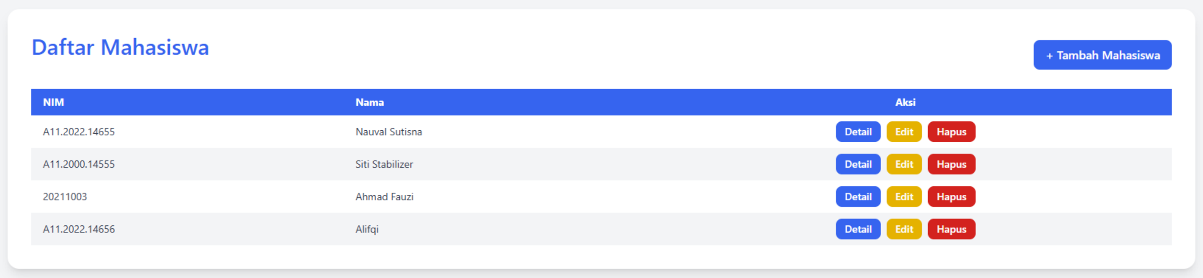
Nama: Siti Aminah



Edit Mahasiswa

NIM: A11.2000.14555

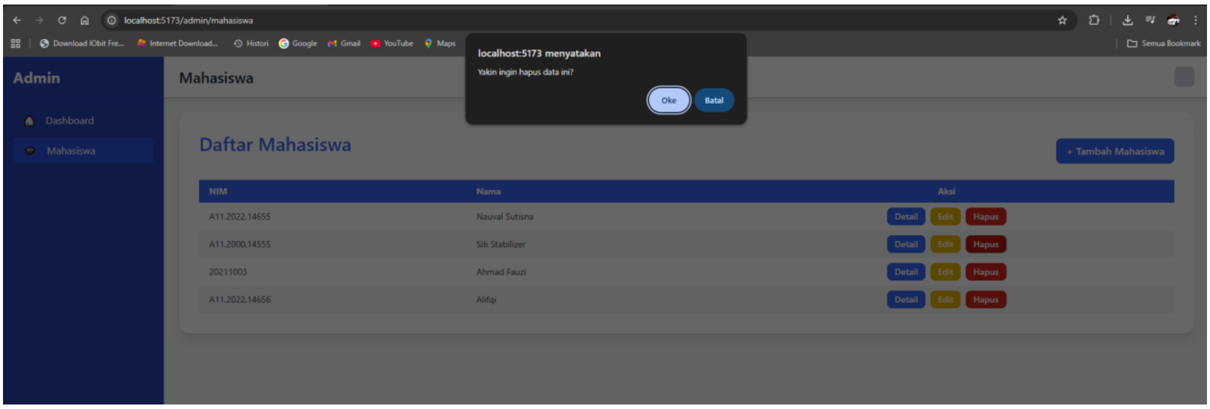
Nama: Siti Stabilizer



Daftar Mahasiswa

NIM	Nama	Aksi
A11.2022.14655	Nauval Sutisna	Detail Edit Hapus
A11.2000.14555	Siti Stabilizer	Detail Edit Hapus
20211003	Ahmad Fauzi	Detail Edit Hapus
A11.2022.14656	Alifqi	Detail Edit Hapus

Menghapus Siti Stabilizer

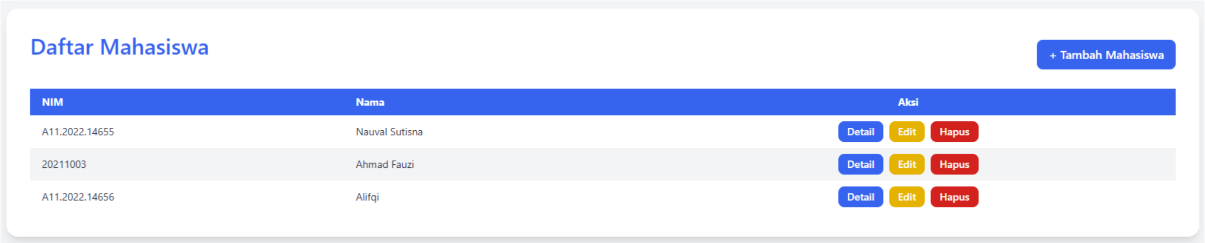


localhost:5173 menyatakan

Yakin ingin hapus data ini?

Daftar Mahasiswa

NIM	Nama	Aksi
A11.2022.14655	Nauval Sutisna	Detail Edit Hapus
A11.2000.14555	Siti Stabilizer	Detail Edit Hapus
20211003	Ahmad Fauzi	Detail Edit Hapus
A11.2022.14656	Alifqi	Detail Edit Hapus



Daftar Mahasiswa

NIM	Nama	Aksi
A11.2022.14655	Nauval Sutisna	Detail Edit Hapus
20211003	Ahmad Fauzi	Detail Edit Hapus
A11.2022.14656	Alifqi	Detail Edit Hapus