

✓	TUGAS6	
>	public	•
✓	src	•
✓	Components	•
JS	Button.js	U
JS	Footer.js	U
JS	Form.js	U
JS	FormMahasiswa.js	U
JS	Header.js	U
JS	Input.js	U
JS	Label.js	U
JS	Modal.js	U
JS	ProfileMenu.js	U
JS	Sidebar.js	U
✓	Data	•
JS	user.js	U
✓	Layouts	•
JS	AdminLayout.js	U
JS	AuthLayout.js	U
✓	Pages	•
>	Admin	•
>	Auth	•
>	Mahasiswa	•
JS	MahasiswaDetail.js	U
✓	Routes	•
JS	ProtectedRoute.js	U
JS	App.js	M
#	index.css	M
JS	index.js	M
❖	.gitignore	
{}	package-lock.json	M
{}	package.json	M
ⓘ	README.md	



```
// src/Components/Button.js

import React from "react";
import PropTypes from "prop-types";

const Button = ({ children, type = "button", onClick, className }) => {
  return (
    <button
      type={type}
      className={`${`px-4 py-2 rounded-lg text-white transition duration-300 ease-in-out`}${className}`}
      onClick={onClick}
    >
      {children}
    </button>
  );
};

Button.propTypes = {
  children: PropTypes.node.isRequired,
  type: PropTypes.oneOf(["button", "submit", "reset"]),
  onClick: PropTypes.func,
  className: PropTypes.string,
};

Button.defaultProps = {
  type: "button",
  onClick: () => {},
  className: "",
};

export default Button;
```



```
// src/Components/Footer.js

import React from "react";

const Footer = () => {
  return (
    <footer className="bg-white text-center py-4 shadow-inner">
      <p className="text-sm text-gray-600">© 2025 Admin Dashboard. All rights reserved.
    </p></footer>
  );
};

export default Footer;
```



```
// src/Components/Form.js

import React from "react";
import Label from "../Components/Label";
import Input from "../Components/Input";
import Button from "../Components/Button";

const Form = ({ onSubmit }) => {
  const handleSubmit = (event) => {
    event.preventDefault();
    if (onSubmit) {
      onSubmit();
    }
  };
  return (
    <form onSubmit={handleSubmit} className="space-y-4">
      <div>
        <Label htmlFor="email">Email</Label>
        <Input type="email" id="email" placeholder="Masukkan email" />
      </div>
      <div>
        <Label htmlFor="password">Password</Label>
        <Input type="password" id="password" placeholder="Masukkan password" />
      </div>
      <Button type="submit" className="w-full bg-blue-600 hover:bg-blue-700">
        Login
      </Button>
    </form>
  );
};

export default Form;
```



```
//src/Components/FormMahasiswa.js

import React, { useState, useEffect } from "react";
import Label from "../Components/Label";
import Input from "../Components/Input";
import Button from "../Components/Button";
import PropTypes from "prop-types";

const FormMahasiswa = ({ onSubmit, editData, onClose }) => {
  const [formData, setFormData] = useState({
    nim: "",
    nama: "",
    status: true,
  });

  useEffect(() => {
    if (editData) {
      setFormData({
        nim: editData.nim || "",
        nama: editData.nama || "",
        status: typeof editData.status === "boolean" ? editData.status : true,
      });
    } else {
      resetForm();
    }
  }, [editData]);

  const handleChange = (e) => {
    const { id, value } = e.target;
    setFormData((prev) => ({
      ...prev,
      [id]: id === "status" ? value === "true" : value,
    }));
  };

  const handleSubmit = (e) => {
    e.preventDefault();
    const { nim, nama } = formData;

    if (!nim || !nama) {
      alert("NIM dan Nama harus diisi!");
      return;
    }

    if (nim.length < 4) {
      alert("NIM minimal 4 karakter");
      return;
    }

    onSubmit(formData);
    resetForm();
  };

  const resetForm = () => {
    setFormData({ nim: "", nama: "", status: true });
  };

  const handleCancel = () => {
    resetForm();
    if (onClose) onClose();
  };

  return (
    <form onSubmit={handleSubmit} className="p-4 space-y-4">
      <div>
        <Label htmlFor="nim">NIM</Label>
        <Input
          type="text"
          id="nim"
          value={formData.nim}
          onChange={handleChange}
          required
        />
      </div>
      <div>
        <Label htmlFor="nama">Nama</Label>
        <Input
          type="text"
          id="nama"
          value={formData.nama}
          onChange={handleChange}
          required
        />
      </div>
      <div>
        <Label htmlFor="status">Status</Label>
        <select
          id="status"
          className="w-full border rounded p-2"
          value={formData.status ? "true" : "false"}
          onChange={handleChange}
        >
          <option value="true">Aktif</option>
          <option value="false">Tidak Aktif</option>
        </select>
      </div>
      <div className="flex justify-end space-x-2 mt-4">
        <Button
          type="button"
          className="bg-gray-400 text-white"
          onClick={handleCancel}
        >
          Batal
        </Button>
        <Button type="submit" className="bg-blue-600 hover:bg-blue-700">
          {editData ? "Simpan Perubahan" : "Simpan"}
        </Button>
      </div>
    </form>
  );
};

FormMahasiswa.propTypes = {
  onSubmit: PropTypes.func.isRequired,
  onClose: PropTypes.func,
  editData: PropTypes.shape({
    nim: PropTypes.string,
    nama: PropTypes.string,
    status: PropTypes.bool,
  }),
};

export default FormMahasiswa;
```



```
// src/ src/Components/Header.js

import React from "react";
import ProfileMenu from "../Components/ProfileMenu";

const Header = () => {
  return (
    <header className="bg-white shadow-md">
      <div className="flex justify-between items-center px-6 py-4">
        <h1 className="text-2xl font-semibold text-gray-800">Mahasiswa</h1>
        <ProfileMenu />
      </div>
    </header>
  );
};

export default Header;
```



```
// src/Components/Input.js

import React from "react";

const Input = ({ type = "text", id, placeholder, value, onChange, required, ...props }) => {
  return (
    <input
      type={type}
      id={id}
      placeholder={placeholder}
      value={value}
      onChange={onChange}
      required={required}
      className="w-full px-4 py-2 mt-1 border rounded-lg focus:outline-none focus:ring focus:ring-blue-300"
      {...props}
    />
  );
};

export default Input;
```



```
// src/Components/Label.js

import React from "react";

const Label = ({ htmlFor, children }) => {
  return (
    <label htmlFor={htmlFor} className="block text-sm font-medium text-gray-700"> {children}
      </label>
    );
};

export default Label;
```



```
//src/Components/Modal.js

import React from "react";

const Modal = ({ isOpen, onClose, children }) => {
  if (!isOpen) return null;
  return (
    <div className="fixed inset-0 flex items-center justify-center bg-black bg-opacity-50"> <div className="bg-white rounded-lg shadow-lg w-full max-w-md p-4">
      {/* Header Modal */}
      <div className="flex justify-between items-center mb-3">
        <h2 className="text-lg font-semibold">Edit Mahasiswa</h2>
        <button
          className="text-gray-600 hover:text-red-500 text-2xl"
          onClick={onClose}
        >
          &times;
        </button>
      </div>
      {/* Isi Modal */}
      {children}
    </div>
  );
};

export default Modal;
```



```
// srcComponents/ProfileMenu.js

import { useState } from "react";
import { FaUserCircle, FaSignOutAlt, FaUser } from "react-icons/fa";

const ProfileMenu = () => {
  const [isOpen, setIsOpen] = useState(false);

  const handleLogout = () => {
    alert("Logout berhasil!");
    setIsOpen(false);
    window.location.href = "/Login";
  };

  return (
    <div className="relative inline-block text-left">
      <div>
        <button
          onClick={() => setIsOpen(!isOpen)}
          className="flex items-center gap-2 focus:outline-none"
        >
          <FaUserCircle className="text-3xl text-gray-600 hover:text-gray-800 transition" />
        </button>
      </div>

      {isOpen && (
        <div className="origin-top-right absolute right-0 mt-2 w-56 rounded-lg shadow-lg bg-white ring-1 ring-black ring-opacity-5 animate-fade-in">
          <div className="px-4 py-3 border-b">
            <p className="text-sm font-medium text-gray-900">Admin</p>
            <p className="text-xs text-gray-500">admin@gmail.com</p>
          </div>
          <div className="py-1">
            <a href="#">
              <FaUser className="text-gray-500" /> Profile
            </a>
            <button
              onClick={handleLogout}
              className="flex w-full items-center gap-2 px-4 py-2 text-sm text-gray-700 hover:bg-gray-100"
            >
              <FaSignOutAlt className="text-gray-500" /> Logout
            </button>
          </div>
        </div>
      )}
    </div>
  );
};

export default ProfileMenu;
```



```
// src/Components/Sidebar.js

import React from "react";
import { NavLink } from "react-router-dom";

const Sidebar = () => {
  return (
    <aside className="w-64 bg-blue-800 text-white p-4">
      <h2 className="text-2xl font-bold mb-8 text-white">Admin Panel</h2>
      <nav className="flex flex-col gap-2">
        <NavLink
          to="/admin/dashboard"
          className={({ isActive }) =>
            isActive
              ? "flex items-center gap-2 bg-blue-600 text-white px-4 py-2 rounded"
              : "flex items-center gap-2 hover:bg-blue-500 hover:text-white px-4 py-2 rounded"
          }
        >
           Dashboard
        </NavLink>

        <NavLink
          to="/admin/mahasiswa"
          className={({ isActive }) =>
            isActive
              ? "flex items-center gap-2 bg-blue-600 text-white px-4 py-2 rounded"
              : "flex items-center gap-2 hover:bg-blue-500 hover:text-white px-4 py-2 rounded"
          }
        >
           Mahasiswa
        </NavLink>
      </nav>
    </aside>
  );
};

export default Sidebar;
```



```
// src/data/data.js

export const dummyUser = {
  email: "admin@gmail.com",
  password: "admin123",
};

export const dummyMahasiswa = [
  { nim: "A11.2022.14283", nama: "Eva Fadhillah Ulia", status: true },
  { nim: "A11.2022.14284", nama: "Sofiyan Roy Irawan", status: true },
  { nim: "A11.2022.14285", nama: "Elzian Deva Alzarif", status: false }
], { nim: "A11.2022.14286", nama: "Wartini", status: false },
];
```



```
// src/Layouts/AuthLayout.js

import React from "react";
import { Outlet } from "react-router-dom";

const AuthLayout = () => {
  return (
    <div className="h-screen bg-gray-100 flex items-center justify-center">
      <div className="w-full max-w-md bg-white rounded-xl shadow-lg p-8 mx-4">
        <Outlet />
      </div>
    </div>
  );
};

export default AuthLayout;
```



```
// src/Layouts/AdminLayout.js

import React from "react";
import { Outlet } from "react-router-dom";
import Sidebar from "../Components/Sidebar"; // Pindahkan komponen Sidebar ke file terpisah jika
import Header from "../Components/Header"; // Pindahkan komponen Header ke file terpisah jika belum

const AdminLayout = () => {
  return (
    <div className="flex h-screen">
      <Sidebar />
      <div className="flex-1 flex flex-col">
        <Header />
        <main className="flex-1 p-6 overflow-y-auto bg-gray-100">
          <Outlet />
        </main>
        <footer className="bg-white text-center py-4 shadow-inner">
          <p className="text-sm text-gray-600">
            © 2025 Admin Dashboard. All rights reserved.
          </p>
        </footer>
      </div>
    </div>
  );
};

export default AdminLayout;
```



```
// src/Pages/Admin/Dashboard.js

import React, { useEffect, useState } from "react";
import { BarChart, Bar, XAxis, YAxis, Tooltip, ResponsiveContainer } from "recharts";

const Dashboard = () => {
  const [jumlahMahasiswa, setJumlahMahasiswa] = useState(0);
  const [jumlahAktif, setJumlahAktif] = useState(0);

  useEffect(() => {
    const data = JSON.parse(localStorage.getItem("mahasiswa")) || [];
    setJumlahMahasiswa(data.length);
    setJumlahAktif(data.filter((mhs) => mhs.status).length);
  }, []);

  const dataChart = [
    { name: "Total", value: jumlahMahasiswa },
    { name: "Aktif", value: jumlahAktif },
    { name: "Non-Aktif", value: jumlahMahasiswa - jumlahAktif },
  ];

  return (
    <div className="bg-white p-6 rounded-xl shadow-md">
      <h1 className="text-3xl font-bold text-gray-800 mb-6">Dashboard Admin</h1>
      <p className="text-gray-600 mb-8">Selamat datang! Berikut ringkasan data sistem saat ini.</p>
      {/* Statistik */}
      <div className="grid grid-cols-1 md:grid-cols-3 gap-6 mb-8">
        <div className="bg-blue-100 p-5 rounded-lg shadow hover:shadow-lg transition">
          <h2 className="text-sm font-medium text-blue-700">Jumlah Mahasiswa</h2>
          <p className="text-2xl font-bold text-blue-900 mt-1">{jumlahMahasiswa}</p>
        </div>
        <div className="bg-green-100 p-5 rounded-lg shadow hover:shadow-lg transition">
          <h2 className="text-sm font-medium text-green-700">Mahasiswa Aktif</h2>
          <p className="text-2xl font-bold text-green-900 mt-1">{jumlahAktif}</p>
        </div>
        <div className="bg-red-100 p-5 rounded-lg shadow hover:shadow-lg transition">
          <h2 className="text-sm font-medium text-red-700">Mahasiswa Tidak Aktif</h2>
          <p className="text-2xl font-bold text-red-900 mt-1">{jumlahMahasiswa - jumlahAktif}</p>
        </div>
      </div>
      {/* Grafik */}
      <div className="bg-gray-50 p-4 rounded-lg shadow">
        <h2 className="text-lg font-semibold text-gray-700 mb-4">Grafik Mahasiswa</h2>
        <ResponsiveContainer width="100%" height={250}>
          <BarChart data={dataChart}>
            <XAxis dataKey="name" />
            <YAxis allowDecimals={false} />
            <Tooltip />
            <Bar dataKey="value" fill="#3b82f6" radius={[8, 8, 0, 0]} />
          </BarChart>
        </ResponsiveContainer>
      </div>
    );
};

export default Dashboard;
```

```
// src/Pages/Mahasiswa/Mahasiswa.js

import React, { useState, useEffect } from "react";
import { useNavigate } from "react-router-dom";
import toast from "react-hot-toast";
import Button from "../../Components/Button";
import Modal from "../../Components/Modal";
import FormMahasiswa from "../../Components/FormMahasiswa";
import {dummyMahasiswa} from "../../Data/user"; // Import data dummy

const Mahasiswa = () => {
  const [isModalOpen, setModalOpen] = useState(false);
  const [mahasiswaList, setMahasiswaList] = useState([]);
  const [selectedMahasiswa, setSelectedMahasiswa] = useState(null);
  const [searchTerm, setSearchTerm] = useState("");
  const [currentPage, setCurrentPage] = useState(1);
  const itemsPerPage = 5;

  const navigate = useNavigate();

  useEffect(() => {
    const savedData = localStorage.getItem("mahasiswa");
    if (savedData && JSON.parse(savedData).length > 0) {
      setMahasiswaList(JSON.parse(savedData));
    } else {
      // Gunakan data dari dummyData jika tidak ada data di localStorage
      setMahasiswaList(dummyMahasiswa);
      localStorage.setItem("mahasiswa", JSON.stringify(dummyMahasiswa));
    }
  }, []);

  useEffect(() => {
    localStorage.setItem("mahasiswa", JSON.stringify(mahasiswaList));
  }, [mahasiswaList]);

  const storeMahasiswa = (newData) => {
    if (!newData.nim || !newData.nama) {
      toast.error("NIM dan Nama harus diisi!");
      return;
    }

    const exist = mahasiswaList.find((mhs) => mhs.nim === newData.nim);
    if (exist) {
      toast.error("NIM sudah digunakan!");
      return;
    }

    setMahasiswaList([...mahasiswaList, newData]);
    setModalOpen(false);
    toast.success("Data mahasiswa berhasil ditambahkan!");
  };

  const updateMahasiswa = (updatedData) => {
    if (!updatedData.nim || !updatedData.nama) {
      toast.error("NIM dan Nama harus diisi!");
      return;
    }

    const isSameNIM = selectedMahasiswa?.nim === updatedData.nim;
    const exist = mahasiswaList.find(
      (mhs) => mhs.nim === updatedData.nim && !isSameNIM
    );
    if (exist) {
      toast.error("NIM sudah digunakan oleh mahasiswa lain!");
      return;
    }

    const confirmUpdate = window.confirm(`Yakin ingin mengupdate data mahasiswa NIM ${selectedMahasiswa?.nim}?`);
    if (!confirmUpdate) return;

    setMahasiswaList(
      mahasiswaList.map((mhs) =>
        mhs.nim === selectedMahasiswa.nim ? updatedData : mhs
      )
    );
    setModalOpen(false);
    setSelectedMahasiswa(null);
    toast.success("Data mahasiswa berhasil diupdate!");
  };

  const deleteMahasiswa = (nim) => {
    const mhs = mahasiswaList.find((m) => m.nim === nim);
    const confirmDelete = window.confirm(`Yakin ingin menghapus data mahasiswa "${mhs?.nama}" (NIM: ${nim})?`);
    if (confirmDelete) {
      setMahasiswaList(mahasiswaList.filter((item) => item.nim !== nim));
      toast.success("Data mahasiswa berhasil dihapus!");
    }
  };

  const openAddModal = () => {
    setSelectedMahasiswa(null);
    setModalOpen(true);
  };

  const openEditModal = (mhs) => {
    const confirmEdit = window.confirm(`Edit data mahasiswa "${mhs?.nama}"?`);
    if (confirmEdit) {
      setSelectedMahasiswa(mhs);
      setModalOpen(true);
    }
  };

  const handleSubmit = (data) => {
    if (selectedMahasiswa) {
      updateMahasiswa(data);
    } else {
      storeMahasiswa(data);
    }
  };

  const filteredMahasiswa = mahasiswaList.filter((mhs) =>
    mhs.nama.toLowerCase().includes(searchTerm.toLowerCase()) ||
    mhs.nim.toLowerCase().includes(searchTerm.toLowerCase())
);

  const indexOfLastItem = currentPage * itemsPerPage;
  const indexOfFirstItem = indexOfLastItem - itemsPerPage;
  const currentMahasiswa = filteredMahasiswa.slice(indexOfFirstItem, indexOfLastItem);
  const totalPages = Math.ceil(filteredMahasiswa.length / itemsPerPage);

  const handlePrevious = () => {
    if (currentPage > 1) setCurrentPage(currentPage - 1);
  };

  const handleNext = () => {
    if (currentPage < totalPages) setCurrentPage(currentPage + 1);
  };

  return (
    <div className="bg-white shadow rounded-lg p-6">
      <div className="flex flex-col md:flex-row justify-between items-center mb-4 gap-4">
        <h2 className="text-xl font-bold text-gray-800">Daftar Mahasiswa</h2>
        <div className="flex gap-2 w-full md:w-auto">
          <input type="text" placeholder="Cari nama atau NIM..." value={searchTerm} onChange={(e) => {
            setSearchTerm(e.target.value);
            setCurrentPage(1);
          }} className="w-full md:w-64 border border-gray-300 rounded-lg px-4 py-2 focus:outline-none focus:ring-2 focus:ring-blue-500" />
          <button className="bg-blue-600 hover:bg-blue-700" onClick={openAddModal}>
            + Tambah Mahasiswa
          </button>
        </div>
      </div>
      <div className="overflow-x-auto">
        <table className="w-full text-sm text-gray-700">
          <thead className="bg-blue-600 text-white">
            <tr>
              <th className="py-3 px-4 text-left">NIM</th>
              <th className="py-3 px-4 text-left">Nama</th>
              <th className="py-3 px-4 text-left">Status</th>
              <th className="py-3 px-4 text-center">Aksi</th>
            </tr>
          </thead>
          <tbody>
            {currentMahasiswa.length === 0 ? (
              <tr>
                <td colspan="4" className="text-center py-6 text-gray-500">
                  Tidak ada data mahasiswa yang sesuai
                </td>
              </tr>
            ) : (
              currentMahasiswa.map((mhs) => (
                <tr key={mhs.nim} className="even:bg-gray-100 odd:bg-white">
                  <td className="py-2 px-4 font-medium">{mhs.nim}</td>
                  <td className="py-2 px-4">{mhs.nama}</td>
                  <td className="py-2 px-4">
                    {mhs.status ? 'bg-green-100 text-green-700' : 'bg-red-100 text-red-700'}
                  </td>
                  <td className="py-2 px-4 text-center space-x-2">
                    <button
                      className="bg-blue-500 hover:bg-blue-600"
                      onClick={() => navigate(`/admin/mahasiswa/${mhs.nim}`, { state: mhs })}
                    >
                      Detail
                    </button>
                    <button
                      className="bg-yellow-500 hover:bg-yellow-600"
                      onClick={() => openEditModal(mhs)}
                    >
                      Edit
                    </button>
                    <button
                      className="bg-red-500 hover:bg-red-600"
                      onClick={() => deleteMahasiswa(mhs.nim)}
                    >
                      Hapus
                    </button>
                  </td>
                </tr>
              ))
            )
          </tbody>
        </table>
      </div>
      <div className="flex flex-col md:flex-row justify-between items-center mt-6 gap-4">
        <p className="text-sm text-gray-600 text-center md:text-left">
          Menampilkan {indexOfFirstItem + 1} - {Math.min(indexOfLastItem, filteredMahasiswa.length)} dari {filteredMahasiswa.length} mahasiswa
        </p>
        <div className="flex flex-col items-center gap-2">
          <button
            className="px-4 py-2 rounded-full ${currentPage === 1 ? "bg-gray-200 text-gray-400 cursor-not-allowed" : "bg-blue-600 text-white hover:bg-blue-700"}"
            onClick={handlePrevious}
            disabled={currentPage === 1}
          >
            - Previous
          </button>
          <button
            className="px-4 py-2 rounded-full ${currentPage === totalPages || totalPages === 0 ? "bg-gray-200 text-gray-400 cursor-not-allowed" : "bg-blue-600 text-white hover:bg-blue-700"}"
            onClick={handleNext}
            disabled={currentPage === totalPages || totalPages === 0}
          >
            Next -
          </button>
        </div>
        <span className="text-sm text-gray-600">
          Halaman {currentPage} dari {totalPages}
        </span>
      </div>
    </div>
  );
};

export default Mahasiswa;
```



```
// src/Pages/Mahasiswa/MahasiswaModal.js

import React, { useEffect, useState } from "react";
import PropTypes from "prop-types";

const MahasiswaModal = ({ isOpen, selectedMahasiswa, onSubmit, onClose }) => {
  const [form, setForm] = useState({
    nim: "",
    nama: "",
    status: "true",
  });

  // useEffect: handle isi form berdasarkan selectedMahasiswa
  useEffect(() => {
    if (selectedMahasiswa) {
      setForm({
        nim: selectedMahasiswa.nim || "",
        nama: selectedMahasiswa.nama || "",
        status: selectedMahasiswa.status ? "true" : "false",
      });
    } else {
      setForm({
        nim: "",
        nama: "",
        status: "true",
      });
    }
  }, [selectedMahasiswa]);

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

  // Form Validasi + Submit
  const handleSubmit = (e) => {
    e.preventDefault();

    // Validasi dasar
    if (!form.nim || !form.nama) {
      alert("NIM dan Nama harus diisi!");
      return;
    }

    if (!/^d+$/.test(form.nim)) {
      alert("NIM harus berupa angka!");
      return;
    }

    if (form.nim.length < 8) {
      alert("NIM minimal 8 digit!");
      return;
    }

    onSubmit({
      nim: form.nim,
      nama: form.nama,
      status: form.status === "true",
    });
    onClose();
  };
}

// Jika modal tidak dibuka
if (!isOpen) return null;

return (
  <div className="fixed inset-0 bg-black bg-opacity-50 flex justify-center items-center z-50"> <div className="bg-white p-6 rounded shadow-md w-full max-w-md">
    <h2 className="text-xl font-bold mb-4">Form Mahasiswa</h2>
    <form onSubmit={handleSubmit} className="space-y-4">
      <div>
        <label className="block mb-1 font-medium">NIM</label>
        <input
          type="text"
          name="nim"
          value={form.nim}
          onChange={handleChange}
          className="w-full border px-3 py-2 rounded"
          required
        />
      </div>
      <div>
        <label className="block mb-1 font-medium">Nama</label>
        <input
          type="text"
          name="nama"
          value={form.nama}
          onChange={handleChange}
          className="w-full border px-3 py-2 rounded"
          required
        />
      </div>
      <div>
        <label className="block mb-1 font-medium">Status</label>
        <select
          name="status"
          value={form.status}
          onChange={handleChange}
          className="w-full border px-3 py-2 rounded"
        >
          <option value="true">Aktif</option>
          <option value="false">Tidak Aktif</option>
        </select>
      </div>
      <div className="flex justify-end space-x-2">
        <button
          type="button"
          onClick={onClose}
          className="px-4 py-2 bg-gray-300 rounded hover:bg-gray-400"
        >
          Batal
        </button>
        <button
          type="submit"
          className="px-4 py-2 bg-blue-600 text-white rounded hover:bg-blue-700"
        >
          Simpan
        </button>
      </div>
    </form>
  </div>
</div>
);
};

MahasiswaModal.propTypes = {
  isOpen: PropTypes.bool.isRequired,
  selectedMahasiswa: PropTypes.shape({
    nim: PropTypes.string,
    nama: PropTypes.string,
    status: PropTypes.bool,
  }),
  onSubmit: PropTypes.func.isRequired,
  onClose: PropTypes.func.isRequired,
};

export default MahasiswaModal;
```

```
// src/pages/mahasiswa/MahasiswaTable.js

import React from "react";
import PropTypes from "prop-types";

const MahasiswaTable = ({  
    mahasiswa = [],  
    onDelete,  
    openEditModal,  
    totalPages = 1,  
    currentPage = 1,  
    paginate,  
}) => {  
    const handleDelete = (nim) => {  
        if (window.confirm("Yakin ingin menghapus data ini?")) {  
            onDelete(nim);  
        }  
    };  
  
    return (  
        <div className="overflow-x-auto mt-6">  
            <table className="w-full text-sm text-left text-gray-700 border border-gray-300 rounded-md">  
                <thead className="bg-gray-200 text-gray-800">  
                    <tr>  
                        <th className="px-4 py-2 border">No</th>  
                        <th className="px-4 py-2 border">NIM</th>  
                        <th className="px-4 py-2 border">Nama</th>  
                        <th className="px-4 py-2 border">Status</th>  
                        <th className="px-4 py-2 border text-center">Aksi</th>  
                    </tr>  
                </thead>  
                <tbody>  
                    {mahasiswa.length === 0 ? (  
                        <tr>  
                            <td colSpan="5" className="text-center py-4 text-gray-500">  
                                Tidak ada data mahasiswa  
                            </td>  
                        </tr>  
                    ) : (  
                        mahasiswa.map((mhs, index) => (  
                            <tr key={mhs.nim} className="hover:bg-gray-50">  
                                <td className="px-4 py-2 border">  
                                    {(currentPage - 1) * mahasiswa.length + index + 1}  
                                </td>  
                                <td className="px-4 py-2 border">{mhs.nim}</td>  
                                <td className="px-4 py-2 border">{mhs.nama}</td>  
                                <td className="px-4 py-2 border">  
                                    {mhs.status ? "Aktif" : "Tidak Aktif"}  
                                </td>  
                                <td className="px-4 py-2 border text-center space-x-2">  
                                    <button  
                                        onClick={() => openEditModal(mhs)}  
                                        className="px-3 py-1 bg-yellow-500 text-white rounded hover:bg-yellow-600">  
                                        Edit  
                                    </button>  
                                    <button  
                                        onClick={() => handleDelete(mhs.nim)}  
                                        className="px-3 py-1 bg-red-500 text-white rounded hover:bg-red-600">  
                                        Hapus  
                                    </button>  
                                </td>  
                            </tr>  
                        ))  
                    )}  
                </tbody>  
            </table>  
        </div>  
    );  
  
    MahasiswaTable.propTypes = {  
        mahasiswa: PropTypes.arrayOf(  
            PropTypes.shape({  
                nim: PropTypes.string.isRequired,  
                nama: PropTypes.string.isRequired,  
                status: PropTypes.bool.isRequired,  
            })  
,  
        onDelete: PropTypes.func.isRequired,  
        openEditModal: PropTypes.func.isRequired,  
        totalPages: PropTypes.number,  
        currentPage: PropTypes.number,  
        paginate: PropTypes.func,  
    };  
  
    export default MahasiswaTable;
```



```
// src/Pages/MahasiswaDetail.js

import React from "react";
import { useParams, useLocation, useNavigate } from "react-router-dom";
import Button from "../Components/Button";
import { User, BadgeCheck, CheckCircle, XCircle } from "lucide-react";

const MahasiswaDetail = () => {
  const { id } = useParams();
  const { state } = useLocation();
  const navigate = useNavigate();

  const data = state;

  return (
    <div className="max-w-xl mx-auto mt-10 p-6 bg-white shadow-xl rounded-2xl border border-gray-200">
      <h1 className="text-3xl font-extrabold text-center text-blue-700 mb-6">
        Detail Mahasiswa
      </h1>

      {data ? (
        <div className="space-y-5 text-gray-800 text-[16px]">
          <div className="flex items-center gap-4">
            <BadgeCheck className="text-blue-600" />
            <div>
              <p className="text-gray-500 text-sm">NIM</p>
              <p className="font-semibold">{data.nim}</p>
            </div>
          </div>
        </div>

        <div className="flex items-center gap-4">
          <User className="text-blue-600" />
          <div>
            <p className="text-gray-500 text-sm">Nama</p>
            <p className="font-semibold">{data.nama}</p>
          </div>
        </div>
      ) : (
        <div className="flex items-center gap-4">
          {data.status ? (
            <CheckCircle className="text-green-600" />
          ) : (
            <XCircle className="text-red-600" />
          )}
          <div>
            <p className="text-gray-500 text-sm">Status</p>
            <span
              className={`inline-block px-3 py-1 text-sm rounded-full font-medium ${data.status
                ? "bg-green-100 text-green-700"
                : "bg-red-100 text-red-700"
              }`}
            >
              {data.status ? "Aktif" : "Tidak Aktif"}
            </span>
          </div>
        </div>
      ) : (
        <div className="text-red-600 font-medium text-center">
          Data mahasiswa tidak tersedia atau tidak dikirim 😞
        </div>
      )}

      <div className="mt-8 text-center">
        <Button
          className="bg-blue-600 hover:bg-blue-700"
          onClick={() => navigate("/admin/mahasiswa")}
        >
          ← Kembali ke Daftar Mahasiswa
        </Button>
      </div>
    </div>
  );
};

export default MahasiswaDetail;
```



```
// src/Routes/ProtectedRoute.js

import React from "react";
import { Navigate } from "react-router-dom";

const ProtectedRoute = ({ children }) => {
  const isLoggedIn =
localStorage.getItem("isLoggedIn");
  // ✅ Di sinilah <Navigate /> digunakan:
  if (!isLoggedIn) {
    return <Navigate to="/login" replace />;
  }

  return children;
};

export default ProtectedRoute;
```



```
// App.js => src/App.js

import React from "react";
import { Routes, Route, Navigate } from "react-router-dom";
import { Toaster } from "react-hot-toast"; // ✓ import Toaster

import Login from "./Pages/Auth/Login";
import Dashboard from "./Pages/Admin/Dashboard";
import Mahasiswa from "./Pages/Mahasiswa/Mahasiswa";
import AuthLayout from "./Layouts/AuthLayout";
import AdminLayout from "./Layouts/AdminLayout";
import ProtectedRoute from "./Routes/ProtectedRoute";
import MahasiswaDetail from "./Pages/MahasiswaDetail";

const App = () => {
  return (
    <>
    {}
    <Toaster
      position="top-right"
      toastOptions={{
        duration: 3000,
        style: {
          background: "#fff",
          color: "#333",
          fontWeight: "500",
          borderRadius: "8px",
          boxShadow: "0 4px 12px rgba(0, 0, 0, 0.1)",
        },
      }}
    />

    {/* Routing */}
    <Routes>
      {/* Halaman Login */}
      <Route element={<AuthLayout />}>
        <Route path="/login" element={<Login />} />
      </Route>

      {/* Halaman Admin (Nested Routes) */}
      <Route
        path="/admin"
        element={
          <ProtectedRoute>
            <AdminLayout />
          </ProtectedRoute>
        }
      >
        {/* Nested Admin Routes */}
        <Route index element={<Navigate to="dashboard" />} />
        <Route path="dashboard" element={<Dashboard />} />
        <Route path="mahasiswa" element={<Mahasiswa />} />
        <Route path="mahasiswa/:id" element={<MahasiswaDetail />} />
      </Route>

      {/* Fallback route */}
      <Route path="/" element={<Navigate to="/login" />} />
    </Routes>
  </>
);
};

export default App;
```



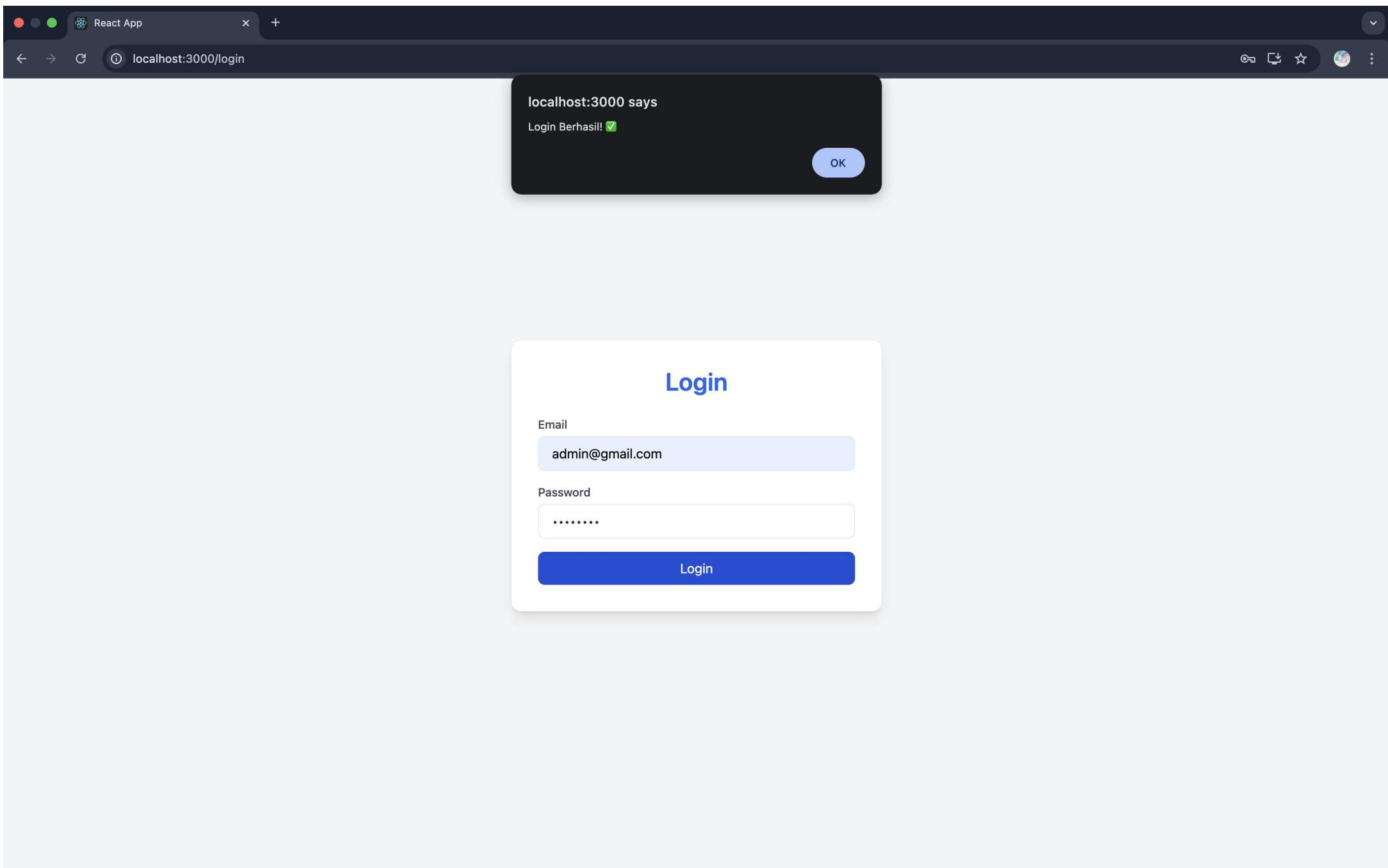
```
// INDEX (Index.js) - Entry point of the React application

import React from "react";
import ReactDOM from "react-dom/client";
import { BrowserRouter as Router } from "react-router-dom";
import App from "./App";
import "./index.css"; // Import Tailwind CSS

const root =
ReactDOM.createRoot(document.getElementById("root"));
<React.StrictMode>
  <Router>
    <App />
  </Router>
</React.StrictMode>
);
```



```
@tailwind base;  
@tailwind components;  
@tailwind utilities;  
  
/* Styling tambahan */  
body {  
    @apply bg-gray-100 text-gray-800;  
}  
  
h1, h2, h3, h4, h5, h6 {  
    @apply font-semibold text-gray-900;  
}  
  
button {  
    @apply transition duration-300 ease-in-out;
```



React App

localhost:3000/admin/dashboard

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

Dashboard Admin

Selamat datang! Berikut ringkasan data sistem saat ini.

Jumlah Mahasiswa
5

Mahasiswa Aktif
2

Mahasiswa Tidak Aktif
3

Grafik Mahasiswa

A bar chart titled "Grafik Mahasiswa" showing the distribution of students by status. The y-axis represents the count from 0 to 8. The x-axis categories are "Total", "Aktif", and "Non-Aktif". The "Total" bar is blue and reaches a value of 5. The "Aktif" bar is blue and reaches a value of 2, with a tooltip indicating "Aktif value : 2". The "Non-Aktif" bar is blue and reaches a value of 3.

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

Cari nama atau NIM...

+ Tambah Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.14283	Eva Fadhillah	Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14284	Sofyan Roy Irawan	Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14285	Elzian Deva Alzarif	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14286	Wartini	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14287	Reza Erwia	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 1 - 5 dari 5 mahasiswa

Previous

Next

Halaman 1 dari 1

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Cari nama atau NIM...

+ Tambah Mahasiswa

Daftar Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.14283	Eva Fadhillah	Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14284	Sofia	Pending	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14285	Elza	Pending	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14286	Wulan	Pending	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14287	Rani	Pending	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 1 - 5 dari 5 mahasiswa

Halaman 1 dari 1

Tambah Mahasiswa

NIM
A11.2022.142837

Nama
Dwi Yuliyanti

Status
Tidak Aktif

Batal Simpan

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

Cari nama atau NIM...

+ Tambah Mahasiswa

Aksi

NIM	Nama	Status	Aksi
A11.2022.14283	Eva Fadhillah	Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14284	Sofyan Roy Irawan	Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14285	Elzian Deva Alzarif	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14286	Wartini	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>
A11.2022.14287	Reza Erwia	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 1 - 5 dari 6 mahasiswa

Previous

Next

Halaman 1 dari 2

© 2025 Admin Dashboard. All rights reserved.



React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

Daftar Mahasiswa

Cari nama atau NIM...

+ Tambah Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.142837	Dwi Yuliyanti	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 6 - 6 dari 6 mahasiswa

Previous

Next

Halaman 2 dari 2

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa/A11.2022.142837

Admin Panel

Mahasiswa

Dashboard

Mahasiswa

Detail Mahasiswa

NIM
A11.2022.142837

Nama
Dwi Yuliyanti

Status
Tidak Aktif

← Kembali ke Daftar Mahasiswa

© 2025 Admin Dashboard. All rights reserved.

The screenshot shows a web-based admin panel for managing students. On the left, a dark blue sidebar contains the 'Admin Panel' title and a 'Mahasiswa' button, which is highlighted in blue. The main content area has a light gray background and displays the title 'Mahasiswa'. A central modal window titled 'Detail Mahasiswa' shows student information: NIM (A11.2022.142837), Name (Dwi Yuliyanti), and Status (Tidak Aktif). At the bottom of the modal is a blue button labeled '← Kembali ke Daftar Mahasiswa'. The footer of the page includes the copyright notice '© 2025 Admin Dashboard. All rights reserved.'

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

localhost:3000 says
Edit data mahasiswa "Dwi Yuliyanti"?

Cari nama atau NIM... + Tambah Mahasiswa

Daftar Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.142837	Dwi Yuliyanti	Tidak Aktif	Detail Edit Hapus

Menampilkan 6 - 6 dari 6 mahasiswa

Previous Next

Halaman 2 dari 2

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Cari nama atau NIM...

+ Tambah Mahasiswa

Daftar Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.142837	Dwi Yuliyanti	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 6 - 6 dari 6 mahasiswa

Halaman 2 dari 2

Previous

Next

Edit Mahasiswa

X

NIM

A11.2022.142837

Nama

Dwi Yuliyanti Nora

Status

Aktif

Batal

Simpan Perubahan

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Mahasiswa

localhost:3000 says

Yakin ingin mengupdate data mahasiswa NIM A11.2022.142837?

Cancel OK

Cari nama atau NIM... + Tambah Mahasiswa

Daftar Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.142837	Dwi Yuliyanti	Tidak Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 6 - 6 dari 6 mahasiswa

Halaman 2 dari 2

Previous Next

Edit Mahasiswa

NIM
A11.2022.142837

Nama
Dwi Yuliyanti Nora

Status
Aktif

Batal Simpan Perubahan

© 2025 Admin Dashboard. All rights reserved.

This screenshot shows a user interface for managing student data. On the left, a sidebar titled 'Admin Panel' includes links for 'Dashboard' and 'Mahasiswa'. The main area is titled 'Mahasiswa' and contains a table of student records. One record is selected, showing 'Dwi Yuliyanti' with NIM 'A11.2022.142837' and status 'Tidak Aktif'. Action buttons for 'Detail', 'Edit', and 'Hapus' are visible. A modal window titled 'Edit Mahasiswa' is open, allowing changes to the student's NIM, Name, and Status. The status dropdown is set to 'Aktif'. At the bottom of the modal are 'Batal' and 'Simpan Perubahan' buttons. A confirmation dialog box from 'localhost:3000' asks if the user wants to update the student's data. The dialog has 'Cancel' and 'OK' buttons. The footer of the page includes a copyright notice for 2025.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

Data mahasiswa berhasil diupdate!

Cari nama atau NIM...

+ Tambah Mahasiswa

Daftar Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.142837	Dwi Yuliyanti Nora	Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 6 - 6 dari 6 mahasiswa

Previous

Next

Halaman 2 dari 2

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

localhost:3000 says

Yakin ingin menghapus data mahasiswa "Dwi Yuliyanti Nora" (NIM: A11.2022.142837)?

Cancel OK

Cari nama atau NIM... + Tambah Mahasiswa

Daftar Mahasiswa

NIM	Nama	Status	Aksi
A11.2022.142837	Dwi Yuliyanti Nora	Aktif	<button>Detail</button> <button>Edit</button> <button>Hapus</button>

Menampilkan 6 - 6 dari 6 mahasiswa

Previous Next

Halaman 2 dari 2

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa

Admin Panel

Dashboard

Mahasiswa

Mahasiswa

Data mahasiswa berhasil dihapus!

Cari nama atau NIM...

+ Tambah Mahasiswa

Daftar Mahasiswa

NIM	Nama	Status	Aksi
Tidak ada data mahasiswa yang sesuai			

Menampilkan 6 - 5 dari 5 mahasiswa

Previous

Next

Halaman 2 dari 1

© 2025 Admin Dashboard. All rights reserved.

React App

localhost:3000/admin/mahasiswa#

Admin Panel

Dashboard

Mahasiswa

localhost:3000 says

Logout berhasil!

OK

Daftar Mahasiswa

Cari nama atau NIM...

NIM

Nama

Status

Tidak ada data mahasiswa yang sesuai

Menampilkan 6 - 5 dari 5 mahasiswa

Previous

Next

Admin
admin@gmail.com

Profile

Logout

Halaman 2 dari 1

© 2025 Admin Dashboard. All rights reserved.