TUGAS4

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localhost:3000 says

Login Berhasil! ✅

OK

Login

Email

admin@gmail.com

Password

••••••••

Login

Admin Panel

- 🏠 Dashboard
- 🪧 Mahasiswa

Mahasiswa

Dashboard
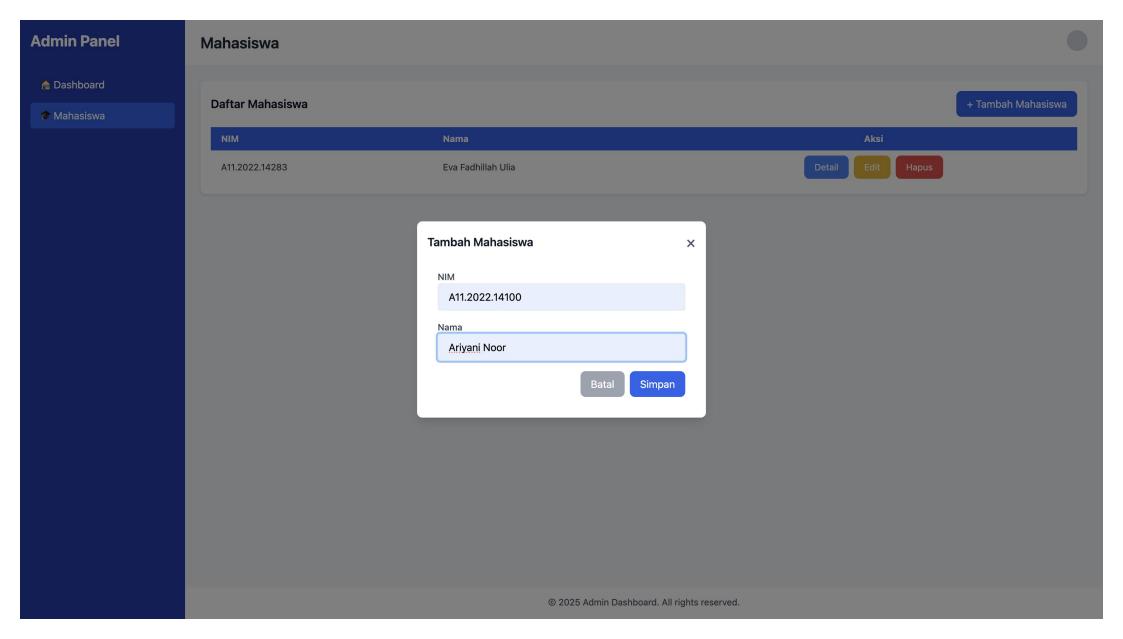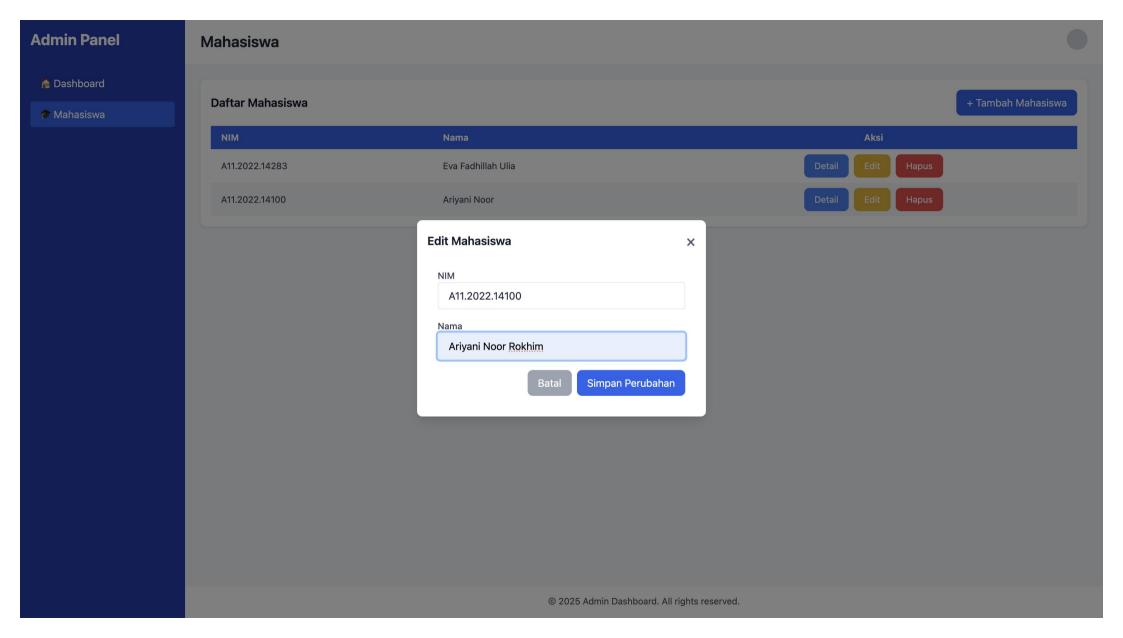
Selamat datang di halaman Dashboard Admin!

Admin Panel

- 🏠 Dashboard
- 🎓 Mahasiswa

Mahasiswa

Daftar Mahasiswa

+ Tambah Mahasiswa

NIM	Nama	Aksi
A11.2022.14283	Eva Fadhillah Ulia	Detail Edit Hapus

Admin Panel

- 🏠 Dashboard
- 🎓 Mahasiswa

Mahasiswa

Daftar Mahasiswa

+ Tambah Mahasiswa

NIM	Nama	Aksi
A11.2022.14283	Eva Fadhillah Ulia	Detail Edit Hapus

Tambah Mahasiswa ✕

NIM

A11.2022.14100

Nama

Ariyani Noor

Batal Simpan

Admin Panel

- 🏠 Dashboard
- 🎓 Mahasiswa

Mahasiswa

Daftar Mahasiswa

+ Tambah Mahasiswa

NIM	Nama	Aksi
A11.2022.14283	Eva Fadhillah Ulia	Detail Edit Hapus
A11.2022.14100	Ariyani Noor	Detail Edit Hapus

Edit Mahasiswa ✕

NIM

A11.2022.14100

Nama

Ariyani Noor Rokhim

Batal   Simpan Perubahan

🏠 Dashboard

🎓 Mahasiswa

Detail Mahasiswa

NIM:

A11.2022.14283

Nama:

Eva Fadhillah Ulia

← Kembali ke Daftar Mahasiswa

```javascript
// BUTTON COMPONENT (Button.js)  ==> src/components/atoms/Button.js

import React from "react";

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>
  );
};

export default Button;
```

```javascript
// INPUT COMPONENT (Input.js) ==> src/components/atoms/Input.js

import React from "react";

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

export default Input;
```

```javascript
// LABEL COMPONENT (Label.js)  ==> src/components/atoms/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;
```

```javascript
// FORM COMPONENT (Form.js)  ==> src/components/molecules/Form.js

import React from "react";
import Label from "../atoms/Label";
import Input from "../atoms/Input";
import Button from "../atoms/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;
```

```javascript
// FORM MAHASISWA COMPONENT (FormMahasiswa.js)  ==> src/components/molecules/FormMahasiswa.js

import React, { useState, useEffect } from "react";
import Label from "../atoms/Label";
import Input from "../atoms/Input";
import Button from "../atoms/Button";

const FormMahasiswa = ({ onSubmit, editData, onClose }) => {
  const [nim, setNim] = useState(""); // State untuk NIM
  const [nama, setNama] = useState(""); // State untuk Nama
  const [oldNim, setOldNim] = useState(""); // Simpan NIM lama

  // Saat editData berubah, isi form dengan data yang sedang diedit
  useEffect(() => {
    if (editData) {
      setNim(editData.nim);
      setOldNim(editData.nim); // Simpan NIM lama
      setNama(editData.nama);
    } else {
      setNim("");
      setNama("");
      setOldNim("");
    }
  }, [editData]);

  const handleSubmit = (e) => {
    e.preventDefault();

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

    const updatedData = { nim, nama };

    // Jika NIM berubah, pastikan data lama dihapus dari state
    if (editData && oldNim !== nim) {
      onSubmit({ ...updatedData, oldNim }); // Kirim oldNim agar bisa dihapus dari list
    } else {
      onSubmit(updatedData);
    }

    setNim(""); // Reset input setelah submit
    setNama("");
  };

  return (
    <form onSubmit={handleSubmit} className="p-4 space-y-4">
      <div>
        <Label htmlFor="nim">NIM</Label>
        <input
          type="text"
          id="nim"
          value={nim}
          onChange={(e) => setNim(e.target.value)}
          required
          className="w-full px-4 py-2 border rounded focus:outline-none focus:ring focus:ring-blue-300"    />
      </div>
      <div>
        <Label htmlFor="nama">Nama</Label>
        <input
          type="text"
          id="nama"
          value={nama}
          onChange={(e) => setNama(e.target.value)}
          required
          className="w-full px-4 py-2 border rounded focus:outline-none focus:ring focus:ring-blue-300"    />
      </div>
      <div className="flex justify-end space-x-2 mt-4">
        <Button
          text="Batal"
          className="bg-gray-400 text-white"
          onClick={onClose}
        >
          Batal
        </Button>
        <Button type="submit" className="bg-blue-600 hover:bg-blue-700">
          {editData ? "Simpan Perubahan" : "Simpan"}
        </Button>
      </div>
    </form>
  );
};

export default FormMahasiswa;
```

```javascript
// MODAL COMPONENT (Modal.js)  ==> src/components/molecules/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>
    </div>
  );
};

export default Modal;
```

```jsx
// PROFILE MENU COMPONENT (ProfileMenu.js)  ==> src/components/molecules/ProfileMenu.js

import { useState } from "react";

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

  const handleLogout = () => {
    alert("Logout berhasil!"); // Menampilkan alert saat logout
    setIsOpen(false); // Menutup dropdown setelah logout
    window.location.href = "/Login";
  };

  return (
    <div className="relative">
      <button
        onClick={() => setIsOpen(!isOpen)}
        className="h-8 w-8 rounded-full bg-gray-300"
      ></button>
      {isOpen && (
        <div className="absolute right-0 mt-2 w-40 bg-white rounded-md shadow-lg py-
2">
          <a
            href="#"
            className="block px-4 py-2 text-gray-700 hover:bg-gray-100"
          >
            Profile
          </a>
          <button
            onClick={handleLogout} // Tambahkan event onClick di sini
            className="w-full text-left px-4 py-2 text-gray-700 hover:bg-gray-100"
          >
            Logout
          </button>
        </div>
      )}
    </div>
  );
};

export default ProfileMenu;
```

```
// FOOTER COMPONENT (Footer.js)  ==> src/components/organisms/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;
```

```javascript
// HEADER COMPONENT (Header.js)  ==> src/components/organisms/Header.js

import React from "react";
import ProfileMenu from "../molecules/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">Maha<ProfileMenu />Browse</h1>
      </div>
    </header>
  );
};
export default Header;
```

```jsx
// SIDEBAR COMPONENT (Sidebar.js)  ==> src/components/organisms/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;
```

```jsx
// ADMIN LAYOUT (AdminLayout.js) => src/components/templates/AdminLayout.js

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

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;
```

```
// AUTH LAYOUT COMPONENT (AuthLayout.js)  ==>
src/components/templates/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;
```

```javascript
// PROTECTED ROUTE (Route yang Dilindungi) (ProtectedRoute.js) ===> src/components/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;
```

```javascript
// USER DATA (DUMMY DATA) (user.js) ==> src/data/user.js

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

  export default dummyUser;
```

```javascript
// DASHBOARD PAGE (Dashboard.js) => src/pages/Dashboard.js

import React from "react";

const Dashboard = () => {
  return (
    <div className="bg-white shadow rounded-lg p-6">
      <h1 className="text-2xl font-semibold mb-
4">Dashboard</h1>datang di halaman Dashboard Admin!</p>
    </div>
  );
};

export default Dashboard;
```

```javascript
// LOGIN PAGE (Login.js) => src/pages/Login.js

import React from "react";
import { useNavigate } from "react-router-dom";
import Label from "../components/atoms/Label";
import Input from "../components/atoms/Input";
import Button from "../components/atoms/Button";
import user from "../data/user";

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

  const handleLogin = (event) => {
    event.preventDefault();
    const email = event.target.email.value;
    const password = event.target.password.value;

    // Cek apakah sesuai dengan dummy user
    if (email === user.email && password === user.password) {
      localStorage.setItem("isLoggedIn", "true"); // LocalStorage untuk menyimpan status login
      alert("Login Berhasil! ✅ ");
      navigate("/admin");
    } else {
      alert("Email atau password salah ❌");
    }
  };

  return (
    <>
      <h2 className="text-3xl font-semibold text-center text-blue-600 mb-6">
        Login
      </h2>
      <form onSubmit={handleLogin} className="space-y-4">
        <div>
          <Label htmlFor="email">Email</Label>
          <Input type="email" id="email" name="email" placeholder="Masukkan email" required />
        </div>
        <div>
          <Label htmlFor="password">Password</Label>
          <Input type="password" id="password" name="password" placeholder="Masukkan password" required
/>
        </div>
        <Button type="submit" className="w-full bg-blue-600 hover:bg-blue-700">
          Login
        </Button>
      </form>
    </>
  );
};

export default Login;
```

```javascript
// MAHASISWA PAGE (Mahasiswa.js) ==> src/pages/Mahasiswa.js

import React, { useState } from "react";
import { useNavigate } from "react-router-dom";
import Button from "../components/atoms/Button";
import Modal from "../components/molecules/Modal";
import FormMahasiswa from "../components/molecules/FormMahasiswa";

const Mahasiswa = () => {
  const [isModalOpen, setIsModalOpen] = useState(false);
  const [mahasiswa, setMahasiswa] = useState([]);
  const [editData, setEditData] = useState(null);

  const navigate = useNavigate();

  const addMahasiswa = (newData) => {
    setMahasiswa([...mahasiswa, newData]);
    setIsModalOpen(false);
  };

  const updateMahasiswa = (updatedData) => {
    setMahasiswa(
      mahasiswa.map((mhs) => (mhs.nim === editData.nim ? updatedData : mhs))
    );
    setIsModalOpen(false);
    setEditData(null);
  };

  return (
    <div className="bg-white shadow rounded-lg p-4">
      <div className="flex justify-between items-center mb-4">
        <h2 className="text-lg font-semibold">Daftar Mahasiswa</h2>
        <Button
          className="bg-blue-600 hover:bg-blue-700"
          onClick={() => {
            setEditData(null);
            setIsModalOpen(true);
          }}
        >
          + Tambah Mahasiswa
        </Button>
      </div>

      <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>
          {mahasiswa.length === 0 ? (
            <tr>
              <td colSpan="3" className="text-center py-4 text-gray-500">
                Belum ada data mahasiswa
              </td>
            </tr>
          ) : (
            mahasiswa.map((mhs, index) => (
              <tr key={index} className="even:bg-gray-100 odd:bg-white">
                <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
                    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={() => {
                      setEditData(mhs);
                      setIsModalOpen(true);
                    }}
                  >
                    Edit
                  </Button>
                  <Button
                    className="bg-red-500 hover:bg-red-600"
                    onClick={() =>
                      setMahasiswa(mahasiswa.filter((item) => item.nim !== mhs.nim))
                    }
                  >
                    Hapus
                  </Button>
                </td>
              </tr>
            ))
          )}
        </tbody>
      </table>

      <Modal isOpen={isModalOpen} onClose={() => setIsModalOpen(false)}>
        <FormMahasiswa
          onSubmit={editData ? updateMahasiswa : addMahasiswa}
          editData={editData}
        />
      </Modal>
    </div>
  );
};

export default Mahasiswa;
```

```javascript
// MAHASISWA DETAIL (MahasiswaDetail.js) ==> src/pages/MahasiswaDetail.js

import React from "react";
import { useParams, useLocation, useNavigate } from "react-router-dom";
import Button from "../components/atoms/Button";

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

  const data = state; // data mahasiswa dikirim lewat navigate(..., { state: mhs
})
  return (
    <div className="bg-white max-w-lg mx-auto mt-10 p-6 shadow-lg rounded-xl">
      <h1 className="text-3xl font-bold mb-6 text-blue-700">Detail Mahasiswa</h1>

      {data ? (
        <div className="space-y-4 text-gray-800 text-base">
          <div>
            <span className="font-semibold text-gray-600">NIM:</span>
            <div className="bg-gray-100 px-4 py-2 rounded">{data.nim}</div>
          </div>

          <div>
            <span className="font-semibold text-gray-600">Nama:</span>
            <div className="bg-gray-100 px-4 py-2 rounded">{data.nama}</div>
          </div>
        </div>
      ) : (
        <div className="text-red-600 font-medium">
          Data mahasiswa tidak tersedia atau tidak dikirim 😢
        </div>
      )}

      <div className="mt-6">
        <Button
          className="bg-blue-600 hover:bg-blue-700"
          onClick={() => navigate("/admin/mahasiswa")}
        >
          ← Kembali ke Daftar Mahasiswa
        </Button>
      </div>
    </div>
  );
};

export default MahasiswaDetail;
```

```javascript
// APP JS (App.js) ==> src/App.js

import React from "react";
import { Routes, Route, Navigate } from "react-router-dom";
import Login from "./pages/Login";
import Dashboard from "./pages/Dashboard";
import Mahasiswa from "./pages/Mahasiswa";
import AuthLayout from "./components/templates/AuthLayout";
import AdminLayout from "./components/templates/AdminLayout";
import ProtectedRoute from "./components/ProtectedRoute";
import MahasiswaDetail from "./pages/MahasiswaDetail";

const App = () => {
  return (
    <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" />} /> {/* Default redirect
*/}    <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;
```

```jsx
// 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>
);
```