import React, { useState } from "react";

import { Card, CardContent } from "@/components/ui/card";

import { Button } from "@/components/ui/button";

import { Input } from "@/components/ui/input";

import { LineChart, Line, XAxis, YAxis, CartesianGrid, Tooltip, ResponsiveContainer } from "recharts";

const residentData = [

{ id: 1, name: "John Doe", age: 34, apartment: "A-101" },

{ id: 2, name: "Jane Smith", age: 29, apartment: "B-202" },

{ id: 3, name: "Alice Johnson", age: 41, apartment: "C-303" },

];

const analyticsData = [

{ month: "Jan", residents: 120 },

{ month: "Feb", residents: 125 },

{ month: "Mar", residents: 130 },

{ month: "Apr", residents: 128 },

];

const Dashboard = () => {

const [isLoggedIn, setIsLoggedIn] = useState(false);

const [username, setUsername] = useState("");

const [password, setPassword] = useState("");

const handleLogin = () => {

if (username === "admin" && password === "admin") {

setIsLoggedIn(true);

} else {

alert("Invalid credentials");

}

};

if (!isLoggedIn) {

return (

<div className="min-h-screen flex items-center justify-center bg-gray-100">

<Card className="w-full max-w-sm p-6">

<CardContent className="flex flex-col space-y-4">

<h2 className="text-xl font-bold text-center">Admin Login</h2>

<Input

placeholder="Username"

value={username}

onChange={(e) => setUsername(e.target.value)}

/>

<Input

type="password"

placeholder="Password"

value={password}

onChange={(e) => setPassword(e.target.value)}

/>

<Button onClick={handleLogin}>Login</Button>

</CardContent>

</Card>

</div>

);

}

return (

<div className="min-h-screen bg-gray-50 p-6">

<h1 className="text-3xl font-bold mb-6">Admin Dashboard</h1>

<Card className="mb-6">

<CardContent>

<h2 className="text-xl font-semibold mb-4">Resident Data</h2>

<div className="overflow-x-auto">

<table className="min-w-full table-auto">

<thead>

<tr className="bg-gray-200">

<th className="px-4 py-2">ID</th>

<th className="px-4 py-2">Name</th>

<th className="px-4 py-2">Age</th>

<th className="px-4 py-2">Apartment</th>

</tr>

</thead>

<tbody>

{residentData.map((resident) => (

<tr key={resident.id} className="text-center border-b">

<td className="px-4 py-2">{resident.id}</td>

<td className="px-4 py-2">{resident.name}</td>

<td className="px-4 py-2">{resident.age}</td>

<td className="px-4 py-2">{resident.apartment}</td>

</tr>

))}

</tbody>

</table>

</div>

</CardContent>

</Card>

<Card>

<CardContent>

<h2 className="text-xl font-semibold mb-4">Resident Analytics</h2>

<ResponsiveContainer width="100%" height={300}>

<LineChart data={analyticsData}>

<CartesianGrid strokeDasharray="3 3" />

<XAxis dataKey="month" />

<YAxis />

<Tooltip />

<Line type="monotone" dataKey="residents" stroke="#4f46e5" strokeWidth={2} />

</LineChart>

</ResponsiveContainer>

</CardContent>

</Card>

</div>

);

};

export default Dashboard;