import { useState } from 'react'

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

import {

Card,

CardContent,

CardHeader,

CardTitle,

} from "/components/ui/card"

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

import { Label } from "/components/ui/label"

import { Heart, Shield, LocateFixed, MapPin } from "lucide-react"

export default function CuraConnect() {

const [showSidebar, setShowSidebar] = useState(false)

const [showHelp, setShowHelp] = useState(false)

const [isLoggedIn, setIsLoggedIn] = useState(false)

const [showDroneTracking, setShowDroneTracking] = useState(false)

const [droneProgress, setDroneProgress] = useState(0)

const [patientData, setPatientData] = useState({

name: '',

age: '',

problem: '',

email: '',

phone: ''

})

const handleInputChange = (e: React.ChangeEvent<HTMLInputElement>) => {

const { name, value } = e.target

setPatientData(prev => ({

...prev,

[name]: value

}))

}

const handleLogin = () => {

if (patientData.name && patientData.age && patientData.problem) {

setIsLoggedIn(true)

setShowSidebar(false)

}

}

const handleEmergency = () => {

setShowDroneTracking(true)

setDroneProgress(0)

// Simulate drone movement

const interval = setInterval(() => {

setDroneProgress(prev => {

if (prev >= 100) {

clearInterval(interval)

return 100

}

return prev + 10

})

}, 500)

// Hide after completion

setTimeout(() => {

setShowDroneTracking(false)

clearInterval(interval)

}, 5500)

}

return (

<div className="min-h-screen bg-gradient-to-br from-blue-50 to-green-50">

{/\* Header \*/}

<header className="bg-white shadow-sm p-4 flex justify-between items-center">

<div className="flex items-center space-x-2">

<Heart className="text-blue-600" size={24} />

<h1 className="text-xl font-bold text-blue-600">Cura Connect</h1>

</div>

<div className="flex gap-2">

<Button variant="outline" onClick={() => setShowHelp(true)}>

<Shield className="mr-2 h-4 w-4" /> Help

</Button>

<Button variant="outline" onClick={() => setShowSidebar(!showSidebar)}>

{showSidebar ? 'Hide Info' : 'Patient Info'}

</Button>

</div>

</header>

{/\* Main Content \*/}

<main className="container mx-auto p-4 relative">

{/\* Sidebar \*/}

{showSidebar && (

<div className="absolute left-4 top-4 w-64 bg-white rounded-lg shadow-lg p-4 z-10">

<h2 className="text-lg font-semibold mb-4 text-blue-600">Patient Information</h2>

<div className="space-y-4">

<div>

<Label htmlFor="name">Full Name</Label>

<Input

id="name"

name="name"

value={patientData.name}

onChange={handleInputChange}

className="mt-1"

/>

</div>

<div>

<Label htmlFor="age">Age</Label>

<Input

id="age"

name="age"

type="number"

value={patientData.age}

onChange={handleInputChange}

className="mt-1"

/>

</div>

<div>

<Label htmlFor="problem">Medical Condition</Label>

<Input

id="problem"

name="problem"

value={patientData.problem}

onChange={handleInputChange}

className="mt-1"

/>

</div>

<div>

<Label htmlFor="email">Email</Label>

<Input

id="email"

name="email"

type="email"

value={patientData.email}

onChange={handleInputChange}

className="mt-1"

/>

</div>

<div>

<Label htmlFor="phone">Phone Number</Label>

<Input

id="phone"

name="phone"

type="tel"

value={patientData.phone}

onChange={handleInputChange}

className="mt-1"

/>

</div>

<Button onClick={handleLogin} className="w-full">

Save & Connect

</Button>

</div>

</div>

)}

{/\* Emergency Button \*/}

<div className="flex flex-col items-center justify-center min-h-[60vh]">

<Button

onClick={handleEmergency}

className="bg-red-600 hover:bg-red-700 text-white text-xl py-6 px-8 rounded-full shadow-lg transform transition-transform hover:scale-105"

>

<Shield className="mr-2 h-6 w-6" /> EMERGENCY ASSISTANCE

</Button>

{showDroneTracking && (

<div className="mt-8 p-4 bg-white rounded-lg shadow-md w-full max-w-2xl">

<h3 className="text-lg font-semibold mb-2 text-blue-600 flex items-center">

<Shield className="mr-2 h-5 w-5" /> Emergency Response Activated

</h3>

{/\* Sample Map Visualization \*/}

<div className="relative bg-gray-100 rounded-lg p-4 h-64">

<svg viewBox="0 0 400 200" className="w-full h-full">

{/\* Background - Simple city blocks \*/}

<rect x="0" y="0" width="400" height="200" fill="#f0f9ff" />

{/\* Roads \*/}

<path d="M0 100 L400 100" stroke="#94a3b8" strokeWidth="4" strokeDasharray="5,5" />

<path d="M200 0 L200 200" stroke="#94a3b8" strokeWidth="4" strokeDasharray="5,5" />

{/\* Buildings \*/}

<rect x="50" y="50" width="40" height="40" fill="#cbd5e1" />

<rect x="110" y="60" width="50" height="30" fill="#cbd5e1" />

<rect x="180" y="30" width="30" height="60" fill="#cbd5e1" />

<rect x="230" y="70" width="40" height="30" fill="#cbd5e1" />

<rect x="290" y="40" width="60" height="50" fill="#cbd5e1" />

<rect x="50" y="130" width="60" height="40" fill="#cbd5e1" />

<rect x="130" y="150" width="40" height="20" fill="#cbd5e1" />

<rect x="190" y="120" width="50" height="50" fill="#cbd5e1" />

<rect x="260" y="140" width="30" height="30" fill="#cbd5e1" />

<rect x="310" y="110" width="40" height="40" fill="#cbd5e1" />

{/\* Drone path \*/}

<path

d="M400 20 Q200 50 0 180"

stroke="#3b82f6"

strokeWidth="2"

fill="none"

strokeDasharray="5,3"

/>

{/\* Drone position \*/}

<circle

cx={400 - (400 \* droneProgress / 100)}

cy={20 + (160 \* droneProgress / 100)}

r="8"

fill="#ef4444"

>

<animate attributeName="r" values="8;6;8" dur="1s" repeatCount="indefinite" />

</circle>

{/\* Hospital (destination) \*/}

<g transform="translate(0, 180)">

<rect x="-10" y="-15" width="20" height="15" fill="#f87171" />

<rect x="-8" y="-25" width="16" height="10" fill="#f87171" />

<rect x="-4" y="-30" width="8" height="5" fill="#f87171" />

<text x="0" y="5" textAnchor="middle" fontSize="10" fill="white">HOSPITAL</text>

</g>

{/\* Patient location (origin) \*/}

<g transform={`translate(400, 20)`}>

<circle r="6" fill="#10b981" />

<MapPin x="-6" y="10" size={12} className="text-green-500" />

<text x="0" y="30" textAnchor="middle" fontSize="10">YOU ARE HERE</text>

</g>

</svg>

<div className="absolute bottom-4 left-4 right-4 bg-white bg-opacity-90 p-2 rounded">

<div className="flex justify-between items-center">

<div className="flex items-center">

<LocateFixed className="text-blue-500 mr-2" size={16} />

<span className="text-sm font-medium">Drone Location</span>

</div>

<span className="text-sm font-semibold">

{Math.round(droneProgress)}% of route completed

</span>

</div>

<div className="w-full bg-gray-200 rounded-full h-2 mt-1">

<div

className="bg-blue-600 h-2 rounded-full"

style={{ width: `${droneProgress}%` }}

></div>

</div>

</div>

</div>

<div className="mt-4 grid grid-cols-2 gap-4">

<div>

<p className="text-sm font-medium">Estimated Arrival</p>

<p className="text-blue-600 font-semibold">

{Math.max(0, 5 - Math.floor(droneProgress / 20))} minute(s) {60 - (droneProgress \* 0.6)} seconds

</p>

</div>

<div>

<p className="text-sm font-medium">Carrying</p>

<p className="text-blue-600 font-semibold">First Aid Kit + AED</p>

</div>

</div>

</div>

)}

</div>

{/\* Patient Info Display (when logged in) \*/}

{isLoggedIn && (

<div className="fixed bottom-4 left-4 bg-white p-4 rounded-lg shadow-md">

<h3 className="font-semibold text-blue-600 flex items-center">

<Heart className="mr-2 h-4 w-4" /> Connected Patient

</h3>

<p><span className="font-medium">Name:</span> {patientData.name}</p>

<p><span className="font-medium">Age:</span> {patientData.age}</p>

<p><span className="font-medium">Condition:</span> {patientData.problem}</p>

</div>

)}

</main>

{/\* Help Modal \*/}

{showHelp && (

<div className="fixed inset-0 bg-black bg-opacity-50 flex items-center justify-center z-20">

<Card className="w-full max-w-md">

<CardHeader>

<CardTitle className="flex items-center">

<Shield className="mr-2 h-5 w-5" /> Cura Connect Help

</CardTitle>

</CardHeader>

<CardContent>

<div className="space-y-4">

<p className="font-medium">Getting Started:</p>

<ol className="list-decimal list-inside space-y-2">

<li>Click "Patient Info" to enter patient details</li>

<li>Fill in all required fields and click "Save & Connect"</li>

<li>Your information will appear in the bottom left</li>

</ol>

<p className="font-medium">Emergency Assistance:</p>

<ol className="list-decimal list-inside space-y-2">

<li>Click the red EMERGENCY ASSISTANCE button</li>

<li>This activates our medical drone response system</li>

<li>Track the drone's arrival in real-time on the map</li>

<li>Estimated arrival time is shown below the map</li>

</ol>

</div>

</CardContent>

<div className="p-4 flex justify-end">

<Button onClick={() => setShowHelp(false)}>Understood</Button>

</div>

</Card>

</div>

)}

</div>

)

}