import React, { useState } from 'react';

import {

Home,

TrendingUp,

ShoppingBag,

Users,

BarChart2,

MessageSquare,

Settings,

Box,

Clock,

DollarSign,

AlertCircle,

Search,

Bell,

ChevronDown,

Menu,

Briefcase,

Layers,

Cpu,

PieChart,

Activity,

Tag

} from 'lucide-react';

const CommercePilotDashboard = () => {

const [activeModule, setActiveModule] = useState('dashboard');

// Sample data for metrics

const metrics = [

{ id: 1, name: 'Revenue', value: '$157,240', change: '+12%', icon: <DollarSign className="h-6 w-6 text-blue-500" /> },

{ id: 2, name: 'Orders', value: '1,254', change: '+8%', icon: <ShoppingBag className="h-6 w-6 text-green-500" /> },

{ id: 3, name: 'Inventory Alerts', value: '9', change: '-3', icon: <AlertCircle className="h-6 w-6 text-amber-500" /> },

{ id: 4, name: 'Customer Tickets', value: '28', change: '+5', icon: <MessageSquare className="h-6 w-6 text-purple-500" /> },

];

// Sample data for agent activities

const agentActivities = [

{ id: 1, agent: 'INV', action: 'Adjusted inventory for 15 SKUs', time: '10 min ago', status: 'success' },

{ id: 2, agent: 'PRICING', action: 'Updated pricing for summer collection', time: '25 min ago', status: 'success' },

{ id: 3, agent: 'CX', action: 'Resolved 5 customer inquiries', time: '40 min ago', status: 'success' },

{ id: 4, agent: 'MARK', action: 'Launched email campaign "Summer Sale"', time: '1 hour ago', status: 'success' },

{ id: 5, agent: 'CAT', action: 'Updated product descriptions', time: '2 hours ago', status: 'success' },

];

// Sample data for recommendations

const recommendations = [

{ id: 1, title: 'Inventory Optimization', description: 'Reduce stock levels for low-performing SKUs to improve cash flow', impact: 'High', agent: 'INV' },

{ id: 2, title: 'Price Adjustment', description: 'Increase prices for high-demand products with low price sensitivity', impact: 'Medium', agent: 'PRICING' },

{ id: 3, title: 'Marketing Campaign', description: 'Launch retargeting campaign for abandoned carts', impact: 'High', agent: 'MARK' },

];

return (

<div className="flex h-screen bg-gray-100">

{/\* Sidebar \*/}

<div className="w-64 bg-indigo-900 text-white">

<div className="flex items-center px-4 py-6">

<Cpu className="h-8 w-8 text-blue-400" />

<div className="ml-3">

<h1 className="text-xl font-bold">CommercePilot AI</h1>

<p className="text-xs text-indigo-300">Agentic Commerce OS</p>

</div>

</div>

<nav className="mt-6">

<div className={`px-4 py-3 flex items-center ${activeModule === 'dashboard' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('dashboard')}>

<Home className="h-5 w-5" />

<span className="ml-3">Dashboard</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'agents' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('agents')}>

<Cpu className="h-5 w-5" />

<span className="ml-3">AI Agents</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'inventory' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('inventory')}>

<Box className="h-5 w-5" />

<span className="ml-3">Inventory</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'orders' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('orders')}>

<ShoppingBag className="h-5 w-5" />

<span className="ml-3">Orders</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'customers' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('customers')}>

<Users className="h-5 w-5" />

<span className="ml-3">Customers</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'marketing' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('marketing')}>

<TrendingUp className="h-5 w-5" />

<span className="ml-3">Marketing</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'pricing' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('pricing')}>

<Tag className="h-5 w-5" />

<span className="ml-3">Pricing</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'analytics' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('analytics')}>

<BarChart2 className="h-5 w-5" />

<span className="ml-3">Analytics</span>

</div>

<div className={`px-4 py-3 flex items-center ${activeModule === 'settings' ? 'bg-indigo-800' : 'hover:bg-indigo-800'} cursor-pointer`}

onClick={() => setActiveModule('settings')}>

<Settings className="h-5 w-5" />

<span className="ml-3">Settings</span>

</div>

</nav>

<div className="absolute bottom-0 w-64 bg-indigo-950 p-4">

<div className="flex items-center">

<div className="h-8 w-8 rounded-full bg-indigo-400 flex items-center justify-center text-xs font-medium">

AS

</div>

<div className="ml-3">

<p className="text-sm font-semibold">Akash Sharma</p>

<p className="text-xs text-indigo-300">Store Admin</p>

</div>

</div>

</div>

</div>

{/\* Main Content \*/}

<div className="flex-1 overflow-auto">

{/\* Header \*/}

<header className="bg-white shadow-sm">

<div className="flex items-center justify-between px-6 py-3">

<div className="flex items-center space-x-3">

<Menu className="h-6 w-6 text-gray-500" />

<h2 className="text-xl font-semibold text-gray-800">Dashboard Overview</h2>

</div>

<div className="flex items-center space-x-4">

<div className="relative">

<input

type="text"

placeholder="Search..."

className="w-64 rounded-lg border border-gray-300 py-2 pl-10 pr-4 focus:border-indigo-500 focus:outline-none"

/>

<Search className="absolute left-3 top-2.5 h-5 w-5 text-gray-400" />

</div>

<div className="relative">

<Bell className="h-6 w-6 text-gray-500" />

<span className="absolute -right-1 -top-1 flex h-4 w-4 items-center justify-center rounded-full bg-red-500 text-xs text-white">

3

</span>

</div>

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

<div className="h-8 w-8 rounded-full bg-indigo-500 flex items-center justify-center text-white">

AS

</div>

<ChevronDown className="h-4 w-4 text-gray-500" />

</div>

</div>

</div>

</header>

{/\* Dashboard Content \*/}

<main className="p-6">

{/\* Metrics Cards \*/}

<div className="grid grid-cols-1 gap-6 md:grid-cols-2 lg:grid-cols-4">

{metrics.map((metric) => (

<div key={metric.id} className="rounded-lg bg-white p-6 shadow">

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

<div>

<p className="text-sm font-medium text-gray-500">{metric.name}</p>

<p className="mt-1 text-2xl font-semibold">{metric.value}</p>

</div>

{metric.icon}

</div>

<div className="mt-4">

<span className={`inline-flex items-center text-sm ${metric.change.startsWith('+') ? 'text-green-600' : 'text-red-600'}`}>

{metric.change}

<TrendingUp className={`ml-1 h-3 w-3 ${metric.change.startsWith('+') ? 'text-green-600' : 'text-red-600'}`} />

</span>

<span className="ml-2 text-sm text-gray-500">from last period</span>

</div>

</div>

))}

</div>

{/\* AI Agents Activity Section \*/}

<div className="mt-8 grid grid-cols-1 gap-6 lg:grid-cols-3">

<div className="col-span-2 rounded-lg bg-white shadow">

<div className="border-b border-gray-200 px-6 py-4">

<h3 className="text-lg font-semibold">AI Agent Activity</h3>

</div>

<div className="p-6">

{agentActivities.map((activity) => (

<div key={activity.id} className="mb-4 flex items-start">

<div className={`flex h-8 w-8 flex-shrink-0 items-center justify-center rounded-lg ${

activity.agent === 'INV' ? 'bg-blue-100 text-blue-600' :

activity.agent === 'PRICING' ? 'bg-green-100 text-green-600' :

activity.agent === 'CX' ? 'bg-purple-100 text-purple-600' :

activity.agent === 'MARK' ? 'bg-amber-100 text-amber-600' :

'bg-indigo-100 text-indigo-600'

}`}>

{activity.agent.charAt(0)}

</div>

<div className="ml-4 flex-1">

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

<p className="font-medium text-gray-900">{activity.agent} Agent</p>

<p className="text-sm text-gray-500 flex items-center">

<Clock className="mr-1 h-3 w-3" />

{activity.time}

</p>

</div>

<p className="mt-1 text-sm text-gray-600">{activity.action}</p>

</div>

</div>

))}

</div>

</div>

{/\* AI Recommendations \*/}

<div className="rounded-lg bg-white shadow">

<div className="border-b border-gray-200 px-6 py-4">

<h3 className="text-lg font-semibold">AI Recommendations</h3>

</div>

<div className="p-6">

{recommendations.map((recommendation) => (

<div key={recommendation.id} className="mb-4 border-l-4 border-indigo-500 bg-indigo-50 p-4">

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

<h4 className="font-medium text-indigo-800">{recommendation.title}</h4>

<span className={`rounded-full px-2 py-1 text-xs font-medium ${

recommendation.impact === 'High' ? 'bg-red-100 text-red-800' :

recommendation.impact === 'Medium' ? 'bg-yellow-100 text-yellow-800' :

'bg-green-100 text-green-800'

}`}>

{recommendation.impact} Impact

</span>

</div>

<p className="mt-2 text-sm text-gray-600">{recommendation.description}</p>

<div className="mt-2 flex items-center justify-between">

<span className="text-xs text-gray-500">Suggested by {recommendation.agent} Agent</span>

<button className="rounded bg-indigo-600 px-3 py-1 text-xs font-medium text-white hover:bg-indigo-700">

Apply

</button>

</div>

</div>

))}

</div>

</div>

</div>

{/\* Performance Metrics and Integrations \*/}

<div className="mt-6 grid grid-cols-1 gap-6 lg:grid-cols-2">

{/\* Performance Chart \*/}

<div className="rounded-lg bg-white p-6 shadow">

<h3 className="text-lg font-semibold">Revenue Performance</h3>

<div className="mt-4 h-64 w-full bg-gray-100 flex items-center justify-center">

<Activity className="h-12 w-12 text-gray-400" />

<p className="ml-2 text-gray-500">Revenue Chart Visualization</p>

</div>

</div>

{/\* Integrations \*/}

<div className="rounded-lg bg-white p-6 shadow">

<h3 className="text-lg font-semibold">Platform Integrations</h3>

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

<div className="flex items-center justify-between rounded-lg border border-gray-200 p-4">

<div className="flex items-center">

<Briefcase className="h-6 w-6 text-blue-500" />

<span className="ml-3 font-medium">Shopify</span>

</div>

<span className="rounded-full bg-green-100 px-2 py-1 text-xs font-medium text-green-800">

Connected

</span>

</div>

<div className="flex items-center justify-between rounded-lg border border-gray-200 p-4">

<div className="flex items-center">

<Layers className="h-6 w-6 text-purple-500" />

<span className="ml-3 font-medium">WooCommerce</span>

</div>

<span className="rounded-full bg-green-100 px-2 py-1 text-xs font-medium text-green-800">

Connected

</span>

</div>

<div className="flex items-center justify-between rounded-lg border border-gray-200 p-4">

<div className="flex items-center">

<PieChart className="h-6 w-6 text-amber-500" />

<span className="ml-3 font-medium">Google Analytics</span>

</div>

<span className="rounded-full bg-green-100 px-2 py-1 text-xs font-medium text-green-800">

Connected

</span>

</div>

<button className="mt-2 flex w-full items-center justify-center rounded-lg border border-dashed border-gray-300 py-2 text-sm font-medium text-gray-500 hover:border-gray-400 hover:text-gray-600">

<span>Add New Integration</span>

</button>

</div>

</div>

</div>

</main>

</div>

</div>

);

};

export default CommercePilotDashboard;