<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>SCM Management Interface</title>

<style>

body {

font-family: sans-serif;

margin: 20px;

background-color: #f4f4f4;

}

.container {

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

}

h1,

h2 {

color: #333;

}

.module-button {

padding: 10px 15px;

margin-right: 10px;

margin-bottom: 10px;

border: 1px solid #ccc;

border-radius: 4px;

cursor: pointer;

background-color: #eee;

}

.module-content {

margin-top: 20px;

padding: 15px;

border: 1px solid #ddd;

border-radius: 4px;

background-color: #f9f9f9;

}

.hidden {

display: none;

}

.input-group {

margin-bottom: 10px;

}

label {

display: block;

margin-bottom: 5px;

color: #555;

}

input[type="text"],

input[type="date"],

select {

width: calc(100% - 12px);

padding: 8px;

border: 1px solid #ccc;

border-radius: 4px;

box-sizing: border-box;

}

button {

padding: 10px 15px;

border: none;

border-radius: 4px;

cursor: pointer;

background-color: #007bff;

color: white;

}

.data-table {

width: 100%;

border-collapse: collapse;

margin-top: 10px;

}

.data-table th,

.data-table td {

border: 1px solid #ddd;

padding: 8px;

text-align: left;

}

.alert {

padding: 10px;

background-color: #ffcccc;

border: 1px solid #ff9999;

color: #880000;

}

</style>

</head>

<body>

<div class="container">

<h1>SCM Management Interface</h1>

<div>

<button class="module-button" onclick="showModule('demandForecasting')">Demand Forecasting</button>

<button class="module-button" onclick="showModule('visibilityPlatform')">Visibility Platform</button>

<button class="module-button" onclick="showModule('logisticsOptimization')">Logistics Optimization</button>

<button class="module-button" onclick="showModule('riskManagement')">Risk Management</button>

</div>

<div id="demandForecasting" class="module-content hidden">

<h2>Demand Forecasting</h2>

<div class="input-group">

<label for="product-df">Product ID:</label>

<input type="text" id="product-df" placeholder="Enter Product ID"

style="width: 98%; padding: 8px; border: 1px solid #ddd; border-radius: 4px; box-sizing: border-box;">

</div>

<div class="input-group">

<label for="date-df">Forecast Date:</label>

<input type="date" id="date-df"

style="width: 98%; padding: 8px; border: 1px solid #ddd; border-radius: 4px; box-sizing: border-box;">

</div>

<button onclick="generateForecast()"

style="padding: 10px 15px; border: none; border-radius: 4px; cursor: pointer; background-color: #007bff; color: white;">Generate

Forecast</button>

<div id="forecast-results"></div>

</div>

<div id="visibilityPlatform" class="module-content hidden">

<h2>Visibility Platform</h2>

<div class="input-group">

<label for="tracking-vp">Tracking ID:</label>

<input type="text" id="tracking-vp" placeholder="Enter Tracking ID"

style="width: 98%; padding: 8px; border: 1px solid #ddd; border-radius: 4px; box-sizing: border-box;">

</div>

<button onclick="trackShipment()"

style="padding: 10px 15px; border: none; border-radius: 4px; cursor: pointer; background-color: #007bff; color: white;">Track

Shipment</button>

<div id="shipment-details"></div>

</div>

<div id="logisticsOptimization" class="module-content hidden">

<h2>Logistics Optimization</h2>

<div class="input-group">

<label for="departure-lo">Departure Location:</label>

<input type="text" id="departure-lo" placeholder="Enter Departure Location"

style="width: 98%; padding: 8px; border: 1px solid #ddd; border-radius: 4px; box-sizing: border-box;">

</div>

<div class="input-group">

<label for="arrival-lo">Arrival Location:</label>

<input type="text" id="arrival-lo" placeholder="Enter Arrival Location"

style="width: 98%; padding: 8px; border: 1px solid #ddd; border-radius: 4px; box-sizing: border-box;">

</div>

<button onclick="optimizeRoute()"

style="padding: 10px 15px; border: none; border-radius: 4px; cursor: pointer; background-color: #007bff; color: white;">Optimize

Route</button>

<div id="route-optimization"></div>

</div>

<div id="riskManagement" class="module-content hidden">

<h2>Risk Management</h2>

<div class="input-group">

<label for="risk-factor-rm">Risk Factor:</label>

<select id="risk-factor-rm"

style="width: 100%; padding: 8px; border: 1px solid #ddd; border-radius: 4px; box-sizing: border-box;">

<option value="supplier">Supplier Risk</option>

<option value="logistics">Logistics Risk</option>

<option value="demand">Demand Volatility</option>

</select>

</div>

<button onclick="analyzeRisk()"

style="padding: 10px 15px; border: none; border-radius: 4px; cursor: pointer; background-color: #007bff; color: white;">Analyze

Risk</button>

<div id="risk-analysis"></div>

</div>

<div class="alert">

<p><strong>Note:</strong> This is a basic user interface mockup. Actual functionality requires backend

integration and AI model implementation.</p>

</div>

</div>

<script>

function showModule(moduleId) {

const modules = document.querySelectorAll('.module-content');

modules.forEach(module => {

module.classList.add('hidden');

});

document.getElementById(moduleId).classList.remove('hidden');

}

function generateForecast() {

const productId = document.getElementById('product-df').value;

const forecastDate = document.getElementById('date-df').value;

document.getElementById('forecast-results').innerText = `Generating forecast for Product ID: ${productId} on ${forecastDate}...`;

}

function trackShipment() {

const trackingId = document.getElementById('tracking-vp').value;

document.getElementById('shipment-details').innerText = `Tracking shipment with ID: ${trackingId}...`;

}

function optimizeRoute() {

const departure = document.getElementById('departure-lo').value;

const arrival = document.getElementById('arrival-lo').value;

document.getElementById('route-optimization').innerText = `Optimizing route from ${departure} to ${arrival}...`;

}

function analyzeRisk() {

const riskFactor = document.getElementById('risk-factor-rm').value;

document.getElementById('risk-analysis').innerText = `Analyzing risk for: ${riskFactor}...`;

}

showModule('demandForecasting');

</script>

</body>

</html>