<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Plagiarism & AI Detector</title>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<style>

body {

font-family: 'Arial', sans-serif;

text-align: center;

background-color: #f4f4f4;

margin: 0;

padding: 20px;

}

h2 {

color: #333;

}

.container {

background: #fff;

max-width: 800px;

margin: auto;

padding: 20px;

border-radius: 10px;

box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);

}

input[type="file"] {

display: block;

margin: 10px auto;

padding: 10px;

}

.btn {

background-color: #007bff;

color: white;

border: none;

padding: 10px 20px;

font-size: 16px;

cursor: pointer;

border-radius: 5px;

transition: 0.3s;

margin: 5px;

}

.btn:hover {

background-color: #0056b3;

}

.loader {

display: none;

margin: 10px auto;

width: 25px;

height: 25px;

border: 4px solid #f3f3f3;

border-top: 4px solid #007bff;

border-radius: 50%;

animation: spin 1s linear infinite;

}

@keyframes spin {

0% { transform: rotate(0deg); }

100% { transform: rotate(360deg); }

}

table {

width: 100%;

margin-top: 20px;

border-collapse: collapse;

}

th, td {

padding: 10px;

border: 1px solid #ddd;

text-align: center;

}

th {

background-color: #007bff;

color: white;

}

.results-container {

display: none;

}

.highlighted {

background-color: yellow;

font-weight: bold;

}

.differences {

text-align: left;

white-space: pre-wrap;

font-family: monospace;

background: #f9f9f9;

padding: 10px;

border-radius: 5px;

border: 1px solid #ddd;

}

.summary-table {

margin-top: 30px;

width: 100%;

border-collapse: collapse;

}

.summary-table th, .summary-table td {

padding: 10px;

border: 1px solid #ddd;

text-align: center;

}

.summary-table th {

background-color: #28a745;

color: white;

}

</style>

</head>

<body>

<div class="container">

<h2>Plagiarism & AI-Generated Content Detection</h2>

<input type="file" id="fileInput" multiple>

<button class="btn" onclick="uploadFiles()">Upload and Analyze</button>

<button class="btn" onclick="resetComparison()">New Comparison</button>

<div class="loader"></div>

<div class="results-container">

<h3>Plagiarism Results</h3>

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

<h3>AI Detection Results</h3>

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

<h3>Summary</h3>

<table class="summary-table">

<tr>

<th>Total Comparisons</th>

<th>Copied Cases</th>

<th>Partially Copied Cases</th>

<th>AI-Generated Cases</th>

</tr>

<tr id="summaryRow">

<td>0</td>

<td>0</td>

<td>0</td>

<td>0</td>

</tr>

</table>

</div>

</div>

<script>

function uploadFiles() {

let files = document.getElementById('fileInput').files;

if (files.length === 0) {

alert('Please select files to upload.');

return;

}

let formData = new FormData();

for (let i = 0; i < files.length; i++) {

formData.append('files', files[i]);

}

$(".loader").show(); // Show loading animation

$(".results-container").hide(); // Hide previous results

$.ajax({

url: 'http://127.0.0.1:5000/upload',

type: 'POST',

data: formData,

processData: false,

contentType: false,

success: function(response) {

alert(response.message);

fetchComparisonResults();

},

error: function(xhr) {

alert('Error: ' + xhr.responseText);

},

complete: function() {

$(".loader").hide(); // Hide loader

$(".results-container").show(); // Show results

}

});

}

function fetchComparisonResults() {

$.get('http://127.0.0.1:5000/compare', function(data) {

let html = '<table><tr><th>Student 1</th><th>Student 2</th><th>Similarity (%)</th><th>Highlighted Differences</th></tr>';

data.comparisons.forEach(item => {

html += `<tr>

<td>${item.student1}</td>

<td>${item.student2}</td>

<td>${item.similarity}%</td>

<td class="differences">${item.highlighted || "No significant differences found."}</td>

</tr>`;

});

html += '</table>';

document.getElementById('results').innerHTML = html;

// AI detection results

let aiHtml = '<table><tr><th>Student</th><th>AI Detection Label</th><th>AI Score (%)</th></tr>';

data.comparisons.forEach(item => {

aiHtml += `<tr>

<td>${item.student1}</td>

<td>${item.ai\_detection\_student1.label}</td>

<td>${item.ai\_detection\_student1.score}%</td>

</tr>

<tr>

<td>${item.student2}</td>

<td>${item.ai\_detection\_student2.label}</td>

<td>${item.ai\_detection\_student2.score}%</td>

</tr>`;

});

aiHtml += '</table>';

document.getElementById('ai-results').innerHTML = aiHtml;

// Update summary table

document.getElementById('summaryRow').innerHTML = `

<td>${data.summary.total\_comparisons}</td>

<td>${data.summary.copied\_count}</td>

<td>${data.summary.partially\_copied\_count}</td>

<td>${data.summary.ai\_generated\_count}</td>

`;

}).fail(function() {

alert("Failed to fetch plagiarism results.");

});

}

function resetComparison() {

document.getElementById("fileInput").value = ""; // Reset file input

document.getElementById("results").innerHTML = ""; // Clear results

document.getElementById("ai-results").innerHTML = ""; // Clear AI detection results

$(".results-container").hide(); // Hide results section

}

</script>

</body>

</html>