<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

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

<title>EICR Voice App</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0; padding: 20px;

background: #f9fafb; color: #111827;

}

h1 { text-align: center; margin-bottom: 10px; }

.section { background: white; padding: 15px; margin-bottom: 10px; border-radius: 8px; box-shadow: 0 2px 6px rgba(0,0,0,0.1); }

label { display: block; margin-bottom: 6px; font-weight: bold; }

input, textarea { width: 100%; padding: 8px; margin-bottom: 10px; border: 1px solid #ccc; border-radius: 6px; }

button { padding: 10px 14px; margin-top: 5px; background: #2563eb; color: white; border: none; border-radius: 6px; cursor: pointer; }

button:disabled { background: #9ca3af; }

.mic { background: #10b981; margin-left: 10px; }

#circuits, #observations { margin-top: 10px; }

canvas { border: 1px solid #ccc; margin-top: 10px; }

</style>

</head>

<body>

<h1>EICR Voice App</h1>

<div class="section">

<h2>Client Details</h2>

<label>Client Name</label>

<div>

<input id="clientName" placeholder="Client name" />

<button class="mic" onclick="startVoice('clientName')">🎤</button>

</div>

<label>Address</label>

<div>

<input id="clientAddress" placeholder="Client address" />

<button class="mic" onclick="startVoice('clientAddress')">🎤</button>

</div>

</div>

<div class="section">

<h2>Purpose & Date</h2>

<label>Purpose</label>

<div>

<input id="purpose" placeholder="Purpose of report" />

<button class="mic" onclick="startVoice('purpose')">🎤</button>

</div>

<label>Inspection Date</label>

<input id="inspectionDate" type="date" />

</div>

<div class="section">

<h2>Installation Details</h2>

<label>Installation Info</label>

<textarea id="installationDetails" placeholder="Details about installation"></textarea>

</div>

<div class="section">

<h2>Circuits</h2>

<button onclick="addCircuit()">+ Add Circuit</button>

<div id="circuits"></div>

</div>

<div class="section">

<h2>Observations</h2>

<button onclick="addObservation()">+ Add Observation</button>

<div id="observations"></div>

</div>

<div class="section">

<h2>Signature</h2>

<canvas id="sigCanvas" width="300" height="100"></canvas><br>

<button onclick="clearSig()">Clear</button>

</div>

<div class="section">

<h2>Preview Report</h2>

<button onclick="previewReport()">Generate Preview</button>

<pre id="preview" style="white-space: pre-wrap; background:#f3f4f6; padding:10px; margin-top:10px;"></pre>

</div>

<script>

// Voice Input

function startVoice(fieldId) {

if (!('webkitSpeechRecognition' in window)) {

alert("Voice recognition not supported");

return;

}

const recognition = new webkitSpeechRecognition();

recognition.lang = 'en-GB';

recognition.onresult = (event) => {

document.getElementById(fieldId).value = event.results[0][0].transcript;

};

recognition.start();

}

// Dynamic circuits

function addCircuit() {

const div = document.createElement('div');

div.innerHTML = '<input placeholder="Circuit details" style="margin-top:5px; width:90%">';

document.getElementById('circuits').appendChild(div);

}

// Dynamic observations

function addObservation() {

const div = document.createElement('div');

div.innerHTML = '<input placeholder="Observation" style="margin-top:5px; width:90%">';

document.getElementById('observations').appendChild(div);

}

// Signature pad

const canvas = document.getElementById('sigCanvas');

const ctx = canvas.getContext('2d');

let drawing = false;

canvas.addEventListener('mousedown', () => drawing = true);

canvas.addEventListener('mouseup', () => drawing = false);

canvas.addEventListener('mousemove', draw);

function draw(e) {

if (!drawing) return;

ctx.fillStyle = 'black';

ctx.beginPath();

ctx.arc(e.offsetX, e.offsetY, 2, 0, Math.PI \* 2);

ctx.fill();

}

function clearSig() {

ctx.clearRect(0, 0, canvas.width, canvas.height);

}

// Preview

function previewReport() {

const clientName = document.getElementById('clientName').value;

const clientAddress = document.getElementById('clientAddress').value;

const purpose = document.getElementById('purpose').value;

const date = document.getElementById('inspectionDate').value;

const details = document.getElementById('installationDetails').value;

let circuits = '';

document.querySelectorAll('#circuits input').forEach(i => circuits += `- ${i.value}\n`);

let observations = '';

document.querySelectorAll('#observations input').forEach(i => observations += `- ${i.value}\n`);

const report = `EICR Report

Client: ${clientName}

Address: ${clientAddress}

Purpose: ${purpose}

Inspection Date: ${date}

Installation Details:

${details}

Circuits:

${circuits}

Observations:

${observations}`;

document.getElementById('preview').innerText = report;

}

</script>

</body>

</html>