**HTML**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>SAFE ZONE</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<header>

<!-- Image tag removed -->

<div id="login-page">

<form id="login-form">

<div id="login-error"></div>

<input type="text" name="username" placeholder="Username" required>

<input type="password" name="password" placeholder="Password" required>

<button type="submit">Login</button>

</form>

</div>

</header>

<div id="main-page" style="display: none;">

<div id="status-messages">

<!-- Messages will be displayed here -->

</div>

</div>

<div id="status-container">

<!-- Container for status messages -->

</div>

<footer>

<button id="toggle-btn" onclick="toggleSafetyAlarm()">Start</button>

<button id="logout-btn" onclick="logout()" style="display: none;">Logout</button>

</footer>

<script src="script.js"></script>

</body>

</html>

**CSS**

body {

margin: 0;

padding: 0;

font-family: Arial, sans-serif;

background-image: url(https://i.postimg.cc/JzKwvRGw/appface.png);

background-size: cover;

background-repeat: no-repeat;

background-position: center center;

height: 100vh;

display: flex;

flex-direction: column;

justify-content: space-between;

}

header {

text-align: center;

padding: 143px 0;

}

header img {

width: 15%;

max-width: 300px;

display: inline-block;

}

#login-page {

text-align: center;

padding: 20px;

}

#login-form {

display: inline-block;

}

#login-form input {

margin: 10px;

padding: 5px 10px;

}

#main-page {

text-align: center;

padding: 20px;

}

#status-messages {

margin-bottom:-200px;

padding: px; /\* Adjusted padding \*/

background-color: rgba(255, 255, 255, 1.0);

border: 0.px solid #cccccc;

border-radius: 100px;

width: -20px; /\* Set width to auto \*/

display:-50 px; /\* Add this to make the container fit to the content \*/

text-align: centre; /\* Align text to left \*/

font-weight: bold; /\* Make the text bold \*/

}

#toggle-btn {

padding: 7px 20px;

background-color: #4caf50;

color: white;

border: none;

border-radius: 10px;

font-size: 16px;

cursor: pointer;

transition: background-color 0.2s ease;

}

#toggle-btn:hover {

background-color: #45a049;

}

footer {

text-align: center;

padding: 2px;

}

#login-credentials {

margin-bottom: 10px;

}

#login-credentials input {

margin: 5px;

padding: 5px 10px;

}

**JS**

**document.addEventListener('DOMContentLoaded', function () {**

**const loginForm = document.getElementById('login-form');**

**const loginError = document.getElementById('login-error');**

**// Function to handle form submission**

**function handleLoginFormSubmission(event) {**

**event.preventDefault();**

**// Check username and password**

**const username = loginForm.username.value;**

**const password = loginForm.password.value;**

**// Simulated login validation (replace with actual authentication logic)**

**if (username === 'user' && password === 'password') {**

**// Redirect to main page after successful login**

**document.getElementById('login-page').style.display = 'none';**

**document.getElementById('main-page').style.display = 'block';**

**initializeSafetyAlarm();**

**} else {**

**// Display login error message**

**loginError.textContent = 'Invalid username or password. Please try again.';**

**}**

**}**

**// Add event listener to the login form**

**loginForm.addEventListener('submit', handleLoginFormSubmission);**

**});**

**let safetyAlarmActivated = false;**

**let recognition;**

**let sirenSound;**

**// Function to initialize safety alarm and voice recognition**

**function initializeSafetyAlarm() {**

**// Pre-load the siren sound**

**sirenSound = new Audio('C:\\Users\\Hp\\OneDrive\\Desktop\\siren.mp3.wav');**

**sirenSound.loop = true;**

**sirenSound.volume = 0.5;**

**sirenSound.load();**

**// Initialize voice recognition**

**window.SpeechRecognition = window.SpeechRecognition || window.webkitSpeechRecognition;**

**recognition = new SpeechRecognition();**

**recognition.onstart = function() {**

**console.log('Voice recognition activated.');**

**};**

**recognition.onresult = function(event) {**

**const last = event.results.length - 1;**

**const command = event.results[last][0].transcript;**

**console.log('Voice Command:', command);**

**if (command.toLowerCase() === 'help') {**

**triggerAlarm();**

**displayStatusMessage("<p style='font-size: 10px; line-height: 1.5; padding: 10px; font-weight: bold; color: red;'>Sending GPS location and audio/video messages to emergency contacts, nearby police stations, and nearby hospitals: <span id='location'></span></p>");**

**notifyEmergencyContacts('emergency');**

**document.body.style.backgroundImage = "url('https://i.postimg.cc/prmRVXX7/Page2.png')";**

**} else if (command.toLowerCase() === 'caution') {**

**document.body.style.backgroundColor = 'orange';**

**displayStatusMessage("<p style='font-size: 10px; line-height: 1.5; padding: 10px; font-weight: bold;color:orange;'>Sending GPS location and audio/video messages to emergency contacts: <span id='location'></span></p>");**

**notifyEmergencyContacts('caution');**

**document.body.style.backgroundImage = "url('https://i.postimg.cc/dQ9JFpQw/page3.png')";**

**} else if (command.toLowerCase() === 'update') {**

**document.body.style.backgroundColor = 'green';**

**displayStatusMessage("<p style='font-size: 10px; line-height: 1.5; padding: 10px; font-weight: bold; color: green;'>Sending GPS location to emergency contacts: <span id='location'></span></p>");**

**notifyEmergencyContacts('update');**

**document.body.style.backgroundImage = "url('https://i.postimg.cc/tC1Ww3yd/last-page.png')";**

**}**

**getLocation();**

**};**

**}**

**// Function to toggle the safety alarm**

**function toggleSafetyAlarm() {**

**if (!safetyAlarmActivated) {**

**startSafetyAlarm();**

**} else {**

**stopSafetyAlarm();**

**}**

**}**

**// Function to start the safety alarm**

**function startSafetyAlarm() {**

**safetyAlarmActivated = true;**

**document.getElementById('toggle-btn').innerText = 'Stop';**

**document.getElementById('status-messages').innerHTML = '';**

**if (recognition) {**

**recognition.start();**

**}**

**if (sirenSound) {**

**sirenSound.play();**

**}**

**}**

**// Function to stop the safety alarm**

**function stopSafetyAlarm() {**

**safetyAlarmActivated = false;**

**document.getElementById('toggle-btn').innerText = 'Start';**

**document.body.style.backgroundColor = '#ffffff';**

**document.getElementById('status-messages').innerHTML = '';**

**document.body.style.backgroundImage = "url('https://i.postimg.cc/s2WsQtTv/appmainpage.png')";**

**if (recognition) {**

**recognition.stop();**

**}**

**if (sirenSound) {**

**sirenSound.pause();**

**}**

**// Show logout button**

**document.getElementById('logout-btn').style.display = 'block';**

**}**

**// Function to trigger the alarm**

**function triggerAlarm() {**

**document.body.style.backgroundColor = 'red';**

**if (sirenSound) {**

**sirenSound.play();**

**}**

**alert('Safety alarm activated! Help is on the way.');**

**}**

**// Function to notify emergency contacts**

**function notifyEmergencyContacts(type) {**

**const emergencyContacts = ['911', 'Friend 1', 'Friend 2', 'Family Member'];**

**navigator.geolocation.getCurrentPosition(position => {**

**const { latitude, longitude } = position.coords;**

**const locationUrl = `https://www.google.com/maps?q=${latitude},${longitude}`;**

**emergencyContacts.forEach(contact => {**

**let message = '';**

**if (type === 'emergency') {**

**message = `Emergency! I need help! My current location: ${locationUrl}`;**

**} else if (type === 'caution') {**

**message = `Caution! I'm in a potentially unsafe situation! My current location: ${locationUrl}`;**

**} else if (type === 'update') {**

**message = `Update! I'm safe now. My current location: ${locationUrl}`;**

**}**

**console.log(`Notification sent to ${contact}: ${message}`);**

**});**

**}, error => {**

**console.error('Error getting location:', error);**

**});**

**}**

**// Function to show status messages in the background**

**function displayStatusMessage(message) {**

**document.getElementById('status-messages').innerHTML = message;**

**}**

**// Function to get current location and update status messages**

**function getLocation() {**

**navigator.geolocation.getCurrentPosition(position => {**

**const { latitude, longitude } = position.coords;**

**const locationSpan = document.getElementById('location');**

**locationSpan.textContent = `Latitude: ${latitude}, Longitude: ${longitude}`;**

**}, error => {**

**console.error('Error getting location:', error);**

**});**

**}**

**// Function to logout**

**function logout() {**

**// Show login page and hide main page**

**document.getElementById('login-page').style.display = 'block';**

**document.getElementById('main-page').style.display = 'none';**

**// Reset safety alarm and status messages**

**stopSafetyAlarm();**

**}**