**FLOOD MONITORING AND EARLY WARNING**

**USING IOT**

Team member

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Phase 4 : web portal development

**Coding**

<!DOCTYPE html>

<html>

<head>

<title>Flood Monitoring and Alerting Dashboard</title>

<style>

/\* CSS styles here \*/

body {

font-family: Arial, sans-serif;

}

header {

background-color: #3498db;

color: #fff;

padding: 20px;

text-align: center;

}

.container {

margin: 20px;

}

.card {

border: 1px solid #ccc;

border-radius: 5px;

padding: 20px;

margin: 10px;

float: left;

}

#flood-map {

width: 600px;

height: 600px; /\* height as needed \*/

}

</style>

</head>

<body>

<header>

<h1>Flood Monitoring and Alerting Dashboard</h1>

</header>

<div class="container">

<div class="card">

<h2>Current Flood Status</h2>

<p>Status: <span id="flood-status">Normal</span></p>

</div>

<div class="card">

<h2>Flood Alerts</h2>

<ul id="flood-alerts">

<li>No alerts at the moment.</li>

</ul>

</div>

<div class="card">

<h2>Flood Map</h2>

<div id="flood-map"></div>

</div>

</div>

<!-- Google Maps API key here -->

<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyCdgCk3bmblcVer8EsE1PmhlTz1mphL8Xc&callback=initMap" async defer></script>

<script>

function initMap() {

const map = new google.maps.Map(document.getElementById("flood-map"), {

center: { lat: 0, lng: 0 }, // desired initial coordinates

zoom: 8, // Adjust initial zoom level

});

// add markers, overlays, and other customizations to the map as needed.

// Example:

// const marker = new google.maps.Marker({

// position: { lat: 0, lng: 0 },

// map: map,

// title: "Flood Location"

// });

}

</script>

</body>

</html>