Pollen’s Profiling: Automated Classification of Pollen Grains

Html codes:

<form action="/submit" method="post">

<label for="zipcode">Enter Your ZIP Code:</label><br>

<input type="text" id="zipcode" name="zipcode" pattern="\d{5}" required>

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

</form>

<!DOCTYPE html>

<html>

<head>

<title>Auto ZIP Code Detection</title>

</head>

<body>

<p>Your ZIP Code: <span id="zipcode">Detecting...</span></p>

<script>

function getZipCode(lat, lon) {

fetch(`https://nominatim.openstreetmap.org/reverse?lat=${lat}&lon=${lon}&format=json`)

.then(response => response.json())

.then(data => {

const zip = data.address.postcode || "Not found";

document.getElementById("zipcode").textContent = zip;

})

.catch(() => {

document.getElementById("zipcode").textContent = "Error fetching ZIP";

});

}

if (navigator.geolocation) {

navigator.geolocation.getCurrentPosition(

(position) => {

const { latitude, longitude } = position.coords;

getZipCode(latitude, longitude);

},

() => {

document.getElementById("zipcode").textContent = "Permission denied";

}

);

} else {

document.getElementById("zipcode").textContent = "Geolocation not supported";

}

</script>

</body>

</html>