Sprint-1

Team ID	PNT2022TMID48366
Project Name	Containment Zone Alerting Application

Home:

```html
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Document</title>
<link rel="stylesheet"href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous" />
 <style>
  body {
       padding-top: 30px;
       padding-bottom: 30px;
       background-color: #699cc5;
     }
a {
 color: black;
     }
</style>
</head>

<body>
   {% if success == True %}
   <script>
     alert("Location Uploaded Successfully");
   </script>
   {% elif success == 0 %}
   <script>
     alert("Enter Proper Location data");
   </script>
   {% endif %}
   <div class="m-3 float-right">
  <button type="button" class="btn btn-primary"><a href={{url_for("logout")}}>Log Out</a></button>
   </div>
   <div class="container m-3">
     <h1><u>Declare Containment Zone</u></h1>
   </div>
```
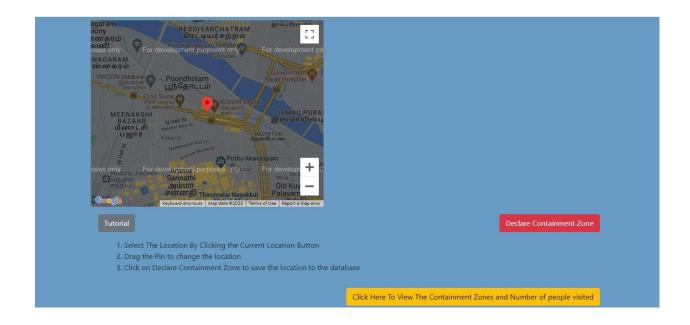
```html
<div class="container m-3">
    <h3>welcome: {{name}}</h3>
</div>
<form method="POST" action="/home">
    <div class="container">
        <div class="form-group row">
            <div class="col-sm-6">
                <label class="control-label">Lat.:</label>
                <input type="text" class="form-control" id="lat" name="lat" />
            </div>
            <div class="col-sm-6">
                <label>Long.:</label>
                <input type="text" class="form-control" id="lon" name="lon" />
            </div>
            <div class="col-sm-6">
                <label>Get current Location:</label>
    <button type="button" class="btn btn-warning" onclick="getLocation()">Current Location</button>
                <label>(Click this first)</label>
            </div>
        </div>
<!-- map -->
        <div id="map_disp" style="height: 400px;width: 500px;"></div>
        <div class="m-3 float-right">
            <button type="submit" class="btn btn-danger">Declare Containment Zone</button>
        </div>
        <div class="m-3">
            <button onclick="toggleTips()" type="button" class="btn btn-secondary">Tutorial</button>
            <div id="tips" class="m-3">
                <ol>
                    <li>Select The Location By Clicking the Current Location Button</li>
                    <li>Drag the Pin to change the location</li>
                    <li>Click on Declare Containment Zone to save the location to the database </li>
                </ol>
            </div>
        </div>
        <div class="m-3 float-right">
    <button type="button" class="btn btn-warning"><a href="{{url_for('data')}}">Click Here To View The
Containment Zones and Number of people visited</a></button>
        </div>
    </div>
<script src=https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.min.js  integrity="sha384-
+YQ4JLhjyBLPDQt//I+STsc9iw4uQqACwlvpslubQzn4u2UU2UFM80nGisd026JF"
crossorigin="anonymous"></script>
    <script src="https://code.jquery.com/jquery-2.2.4.min.js"></script>
    <script src="https://maps.google.com/maps/api/js?sensor=false&amp;libraries=places"></script>
<script src="https://rawgit.com/Logicify/jquery-locationpicker
plugin/master/dist/locationpicker.jquery.js"></script>
<script>
```

```
    function getLocation() {
        if (navigator.geolocation) {
            navigator.geolocation.getCurrentPosition(showPosition);
        } else {
            alert("No location");
        }
    }
    function showPosition(position) {
        $('#map_disp').locationpicker({
            location: {
                latitude: position.coords.latitude,
                longitude: position.coords.longitude
            },
            radius: 0,
            inputBinding: {
                latitudeInput: $('#lat'),
                longitudeInput: $('#lon'),
            },
            enableAutocomplete: true,
            onchanged: function (currentLocation, radius, isMarkerDropped) {
                // Uncomment line below to show alert on each Location Changed event
                // alert("Location changed. New location (" + currentLocation.latitude + ", " +
currentLocation.longitude + ")");
            }
        });
    }
    function toggleTips() {
        var x = document.getElementById("tips");
        if (x.style.display === "none") {
            x.style.display = "block";
        } else {
            x.style.display = "none";
        }
    }
    </script>
</body>
</html>
```

{% if success == True %} {% elif success == 0 %} {% endif %}

Log Out

Declare Containment Zone

welcome: {{name}}

Lat.:

9.9252007

Long.:

78.1197754

Get current Location: Current Location (Click this first)

Signup:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <!-- Required meta tags -->
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />
  <!-- Bootstrap CSS -->
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
 integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous" />
  <link rel="stylesheet" href="{{ url_for('static', filename='styles.css') }}">
  <title>Sign Up</title>
</head>
<body class="text-center">
  {% if error %}
  <script>
    alert("Email id already exists in the database");
  </script>
  {% endif %}
  <form class="form-login" method="POST" action="/signup">
    <h1 class="h3 mb-3 font-weight-normal">Sign Up to create an account with us</h1>
    <label for="name" class="sr-only">Email address</label>
    <input type="text" name="name" class="form-control" placeholder="Name" required autofocus />
    <label for="email" class="sr-only">Email address</label>
    <input type="email" name="email" class="form-control" placeholder="Email address" required />
    <label for="password" class="sr-only">Password</label>
```

```html
<input type="password" class="form-control" placeholder="Password" name="password" required />
    <button type="submit" class="btn btn-lg btn-primary btn-block mt-3">
      Signup
    </button>
    <a href={{url_for("login")}}>Already have an account ... Login</a>
  </form>
  <!-- Optional JavaScript -->
  <!-- jQuery first, then Popper.js, then Bootstrap JS -->
  <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"
    integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n"
    crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
    integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
    crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
    integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6"
    crossorigin="anonymous"></script>
</body>
</html>
```

{% if error %} {% endif %}

Sign Up to create an account with us

Name
Email address
Password

Signup

Already have an account ... Login

Login:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <!-- Required meta tags -->
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no" />
 <!-- Bootstrap CSS -->
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
    integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous" />
  <link rel="stylesheet" href="style.css" />
  <title>Log In</title>
  <link rel="stylesheet" href="{{ url_for('static', filename='styles.css') }}">
```

```html
</head>
<body class="text-center">
    {% if error == 1 %}
    <script>
        alert("Incorrect Password");
    </script>
    {% elif error == 2%}
    <script>
        alert("Create An Account");
    </script>
    {% else %}
    {% endif %}
    <form class="form-login" method="POST" action="/">
        <h1 class="h3 mb-3 font-weight-normal">Log In to add the location of the containment zone</h1>
        <label for="email" class="sr-only">Email address</label>
  <input type="email" name="email" class="form-control" placeholder="Email address" required
autofocus />
        <label for="password" class="sr-only">Password</label>
    <input type="password" class="form-control" placeholder="Password" name="password" required />
        <button type="submit" class="btn btn-lg btn-primary btn-block mt-3">
            Login
        </button>
        <a href={{url_for("signup")}}>Don't have an account ... Create One</a>
    </form>
<!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"
        integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n"
        crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
        integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
        crossorigin="anonymous"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
        integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6"
        crossorigin="anonymous"></script>
</body>
</html>
```

{% if error == 1 %} {% elif error == 2%} {% else %} {% endif %}

Log In to add the location of the containment zone

Email address

Password

Login

Don't have an account ... Create One

Data:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Zones</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
        integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous" />
    <style>
        body {
            padding-top: 30px;
            padding-bottom: 30px;
            background-color: #699cc5;
        }

        a {
            color: black;
        }
    </style>
</head>
<body>
    <div class="m-4 container">
        <h1><u>Location data and Visited People</u></h1>
    </div>
    <div class="m-4 container">
        <table class="table">
            <thead>
                <tr>
                    <th scope="col">S.No</th>
                    <th scope="col">Latitude</th>
                    <th scope="col">Longitude</th>
```

```html
                <th scope="col">No_Visited</th>
            </tr>
        </thead>
        <tbody>
            {%- for row in responses %}
            <tr>
                <th scope="row">{{loop.index}}</th>
                <td>{{row[1]}}</td>
                <td>{{row[2]}}</td>
                <td>{{row[3]}}</td>
            </tr>
            {%- endfor %}
        </tbody>
    </table>
  </div>
  <div class="m-3 float-right">
<button type="button" class="btn btn-danger"><a href={{url_for("home")}}>Go to location update
Page</a></button>
  </div>
</body>
</html>
```

Location data and Visited People

{%- for row in responses %} {%- endfor %}

S.No	Latitude	Longitude	No_Visited
{{loop.index}}	{{row[1]}}	{{row[2]}}	{{row[3]}}

Go to location update Page

CSS:

```css
html,
body {
  height: 100%;
}

body {
  display: flex;
  align-items: center;
  justify-content: center;
  background-color: #699cc5;
  padding: 40px 0;
```

```css
}

.form-login {
  width: 100%;
  max-width: 400px;
  height: 40%;
}

.form-login .form-control {
  position: relative;
  box-sizing: border-box;
  height: auto;
  padding: 10px;
  font-size: 16px;
}

.form-login .form-control:focus {
  z-index: 2;
}

.form-login input[type="email"] {
  margin-top: 10px;
}

.form-login input[type="password"] {
  margin-top: 10px;
}

.form-login input[type="text"] {
  margin-top: 10px;
}

.form-login a {
  margin-top: 10px;
  color: black;
}
```