

# Containment zone alerting application

Date	20 October 2022
Team ID	PNT2022TMID39536
Project Name	Project - Containment Zone Alerting Application
Maximum Marks	4 Marks

## Solution Architecture:

The app should allow users to register and login. The app will track the user's location and update the database with the user's current location after the user logs in. If the user enters the containment zone, he will receive an alert notification from sendgrid. Users' data will be stored in a more secure manner to ensure that it is not misused.

They need to update the containment zone locations in the portal by logging into the app. Within a 100 metre radius, a Geofence will be constructed based on the location. How many people are visiting that zone should be visible to them.

Through IBM Watson and other chat-bot services that will be installed for user convenience, customers can give comments about their experiences and any problems they may have encountered.

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