

HX8001- PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP

Mentor : Azarudeen K B.E,M.E

Team Leader : Rakesh A **Team ID:** PNT2022TMID23042

Team Members :

- Ghulam Dasthageer G
- Sathaiah Balaji S
- Vishal Raj R

Technology : Cloud Application Development

Domain : Health Care

Project Title : Containment Zone Alerting Application

Problem Statement :

The project aims at building an application that provides information about the containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service.

In this project you will be working on two modules :

1. Admin and
2. User

Admin:

They should login to the app and update the containment zones locations in the portal. Based on the location a Geofence will be created within a 100 meters radius. They should be able to see how many people are visiting that zone.

User :

The app should have a user registration and login. After the user logged into the app it will track the user's location and update the database with the current location. If the user is visiting the containment zone he will get an alert notification.

Technical Architecture :

