PROBLEM STATEMENT

Containment Zone Alert Application

Manikantan R V
Priyan J
Jebas Winston E
Vikneysh Raj G G A
Rishi P

CONTAINMENT ZONE ALERT APPLICATION
Problem Statement

Date	09 September 2022
Team ID	PNT2022TMID18548
Project Name	Project – Containment Zone Alert Application
Maximum Marks	2 Marks

People travel to different places unaware of the fact that it is a COVID-19 containment zone and hence don't take necessary precautions. As a result, the people getting inside a containment zone are at a higher risk of getting affected by the disease.

I am	I'm trying to	But	Because	Which makes me feel
A common man	Be safe from COVID19	I don't know where to go and where not to.	I am not aware of the Containment Zones	Anxious & fearful

Who does the problem affect?	People who are traveling to places being unaware of COVID Containment Zones.
What is the issue?	If people get into a COVID containment zone, there arises a high risk for them getting into contact with an affected person and thereby it results in the transmission of the disease.
When does the issue occur?	When a healthy person gets into contact with an affected person living in a COVID prone area.

Where does the issue occur?	Getting affected by COVID might occur anywhere. Nonetheless, the risk of getting affected by the disease would be very high in Containment Zones.
Why is it important that we fix the problem?	It is important that we fix the problem that people become aware of Containment Zones and stay away from them to protect themselves from COVID-19
What solution to solve this issue?	An Alerting application that delivers instant alerts whenever a person enters a COVID Containment Zone.
What methodology used to solve the issue?	Geofencing of Containment Zones, Constant location monitoring of the users of the application, and instant alert delivery.