

**Ideation Phase**

# **PROPOSED SOLUTION**

*Containment Zone Alert  
Application*

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# CONTAINMENT ZONE ALERT APPLICATION

## Proposed Solution

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Team ID	PNT2022TMID18548
Project Name	Project - Containment Zone Alert Application
Maximum Marks	2 Marks

### Problem Statement

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.

### Idea / Proposed Solution

An Alerting application that delivers instant alerts whenever a person enters a COVID Containment Zone. This application is intended to provide information about containment zones in a particular region by alerting people, through continuous monitoring of an individual's location.

### Desired Outcomes

Constant monitoring of the real-time location of the users.

Real-time alert delivery whenever an user enters a COVID containment zone.

News & Statistics on COVID-19.

	Precautionary tips to safeguard oneself from the disease.
<b>Novelty</b>	The proposed solution makes use of a cloud store to update and store geolocations of containment zones in real time. For containment zones, geofences are created with the help of the Location Based services of Android.
<b>Social Impact</b>	As a general healthcare application, the social impact of the proposed solution is huge.
<b>Business Model</b>	Since the proposed solution is a general healthcare app, it does not have a business motive. However, a subscription based health tracking option could be added in the future.
<b>Scalability of the Solution</b>	Although the application is intended for COVID-19 as of now, it can be extended and made use of in the containment and prevention of any disease in the future.

## The Problem

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

## The Solution

I am	I will	By	So that	Which makes users feel
Containment Zone Alert Application	Alert my user whenever he/she enters a containment zone	Monitoring the locations & whereabouts of my user	My users become aware of the Containment Zones	Safe & Secure