

Project Design Phase I

PROPOSED SOLUTION

***Containment Zone Alert
Application***

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CONTAINMENT ZONE ALERT APPLICATION

Proposed Solution

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Team ID	PNT2022TMID37391
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	<p>Constant monitoring of the real-time location of the users.</p> <p>Real-time alert delivery whenever an user enters a COVID containment zone.</p> <p>News & Statistics on COVID-19.</p>	
	<p>Precautionary tips to safeguard oneself from the disease.</p>	
Novelty	<p>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.</p>	
Social Impact	<p>As a general healthcare application, the social impact of the proposed solution is huge.</p>	
Business Model	<p>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.</p>	
Scalability of the Solution	<p>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.</p>	