Project Design Phase I

PROPOSED SOLUTION

Containment Zone Alert Application

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CONTAINMENT ZONE ALERT APPLICATION
Proposed Solution

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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.
Novelty	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.
Social Impact	As a general healthcare application, the social impact of the proposed solution is huge.
Business Model	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.
Scalability of the Solution	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