

CONTAINMENT ZONE ALERT APPLICATION

Proposed Solution

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>
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.