PROPOSED SOLUTION



*Containment Zone Alert Application*

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CONTAINMENT ZONE ALERTING APPLICATION

Proposed Solution

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| **Date** | 02 October 2022 |
| **Team ID** | PNT2022TMID12468 |
| **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.

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|  |  | 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. |
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**The Problem**

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

**The Solution**

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