

Project Design Phase-I
Proposed Solution Template

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| Date | 19 September 2022 |
| Team ID | IBM-Project-23470-1659883659 |
| Project Name | Project – Containment Zone Alerting App |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
|-------|--|---|
| 1. | Problem Statement (Problem to be solved) | 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. Key benefits of the application are monitoring people's activity and alerting them of their safety movements. |
| 2. | Idea / Solution description | The project aims at building an application that provides information about the containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service. |
| 3. | Novelty / Uniqueness | The Android application shows the location of the containment zones to the users. It also notifies the user when he or she trespasses the boundary of a containment zone or stays in the containment zones |
| 4. | Social Impact / Customer Satisfaction | Awareness among the people to carry out all the preventive measures can immensely help to reduce spread of the virus. The country has created containment zones throughout the cities wherever Covid-19 cases have been reported to prevent further spread of the virus. These containment zones have been kept isolated from the outside public to ensure no contamination occurs outside. |
| 5. | Business Model (Revenue Model) | This application can be used as a tool for creating further social awareness about the arising need of precautionary measures to be taken by the people of India and thus by creating good revenue. |
| 6. | Scalability of the Solution | This application has the capacity to handle growth, especially in handling more users. |