

Project Design Phase-I
Proposed Solution Template

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID07939 |
| Project Name | Project – Containment Zone Alerting Application |
| 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) | Containment Zone Alerting User is travelling to certain location and he wants to know a containment zones and updates of Covid cases. |
| 2. | Idea / Solution description | The proposed solution that classifies containment zone using Geofencing technology and getting daily covid updates based on state and district cases. |
| 3. | Novelty / Uniqueness | For detecting the containment zone an API is used (Geofencing and Firebase) which very efficient than other methods. When we need to create a user friendly for creating a social awareness. |
| 4. | Social Impact / Customer Satisfaction | By this application the user can get updates on covid cases and containment zone alerting through SMS. So that they can plan their day accordingly. |
| 5. | Business Model (Revenue Model) | <ul style="list-style-type: none">• Input module• Data set training module• Automated alert message• Location access module• Containment zone level estimation API module• Suggestion module |
| 6. | Scalability of the Solution | The accuracy of the result for the covid cases and zone alerting notification is 99%. We can design user friendly interface to use all kind of users. |