**Project Design Phase-I**

**Problem-Solution Fit**

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| Date | 17 October 2022 |
| Team ID | PNT2022TMID39536 |
| Project Name | Project –Containment Zone Alerting Application |
| Maximum Marks | 2 Marks |

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Statistics data from RESTful API.Data snapshot from firebase for new data or data snapshot from cache. Containment zones shown on a google map and covid 19 statistics on a bottom sheet. User receives notification on entering a containment zone. |
|  | Idea / Solution description | 1.Retrieving diagnosis  2.Retrieving Exposure configuration  3.Segmentation  4.Protocal documentation  5.Classification  6.Contributing |
|  | Novelty / Uniqueness | 1.Android application updates location of areas which are identified to be the containment zone.  2.Application further extract the IMEI number of the trespasser and upload to the online data base.  3.The application prompt background location service permission and if granted the geo fences get trigged even in application is not open in foreground. |
|  | Social Impact / Customer Satisfaction | 1..Medical Drone deliveries  2. Situational awareness lockdown curfew enforcement.  3.Broadcasting useful information. |
|  | Business Model (Revenue Model) |  |
|  | Scalability of the Solution | The produce the vaccination scenarios and quantity the under reporting impact.Record identification Databases(n=380)Other source(n=10).Duplicate removed before record moved for reasons(n=14). |