

Project Design Phase-I
Proposed Solution Template

Date	04 November 2022
Team ID	PNT2022TMID42827
Project Name	Containment Zone Alerting Application
Maximum Marks	2 Marks

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 application updates the location of the areas in google map which are identified to be containment zone. The application also notify the users if they entered into the containment zone and upload the details of the user in the database.
4.	Social Impact / Customer Satisfaction	The application will alert the people on containment zones. It protects the user's data and updates the total number of cases.
5.	Business Model (Revenue Model)	Tie up with people for normal and premium plans. Introducing Premium plan that monitors user health by connecting app with their smart band.
6.	Scalability of the Solution	Though the application is intended for Covid-19 as of now, it can be extended and made use of prevention and containment of any disease in the future. The application is also extended so that users can't trespass into restricted area.

