

Project Design Phase-I

Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID21330
Project Name	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)	To Provide information about the containment zones in a particular region by alerting the people trespassing the region through continuous monitoring of their location.
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 uniqueness of containment zone alerting app is it shows the particular area of the place in a certain distance, and the user's location history is stored in database and this app provides the precautions measurements, list of immunity boosters, location of the vaccination providing places nearby.
4.	Social Impact / Customer Satisfaction	Social Stigma is discrimination against a particular group of people, a place, or a nation in the form of a negative attitude. Public health emergencies (such as COVID-19 pandemic) are stressful situations for people and communities. Fear and anxiety with a lack of knowledge about the disease can lead to social stigma. The containment zone alerting app users are 100% satisfied because of its immediate notification of a particular area, it provides the precautions and awareness about COVID-19. The details provided to the users will be verified.

5.	Business Model (Revenue Model)	When user enters some other region which is not the user's home region, user has to subscribe in order to view the containment zones in the new region, in addition, a personal health monitoring will be provided ,zones away from the assigned zone will be visualized by subscribing.
6.	Scalability of the Solution	In this modern world even though the covid pandemic threat is about to end there are high chance of pandemic or endemic. So, this application is very useful in that situation and we can use this application in seasonal diseases and also used as a health caring application for maintaining their health efficiently .