Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID32632
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)	To develop an application to notify the users while trespassing the containment zone.
2.	Idea / Solution description	This application provides information about containment zones in a particular region and alerts people, through continuous monitoring of an individual's location.
3.	Novelty / Uniqueness	• Containment zones are differentiated using different colours to identify the intensity of infection. • Updating containment zone location and creating geofence within a 100-meter radius.
4.	Social Impact / Customer Satisfaction	• Providing precautions to be taken while traveling. • Frequently updating the location along with the nearby hospital.
5.	Business Model (Revenue Model)	Online healthcare services have been incorporated to provide remedies to be taken while quarantining.
6.	Scalability of the Solution	• The radius of the geofence can be increased by 150 to 200 meters. • Using an IP address to track the user even if the wi-fi or GPS gets turned off.