Ideation Phase

CONTAINMENT ZONE ALERTING
APPLICATION

Date	19 September 2022
Team ID	PNT2022TMID39536
Project Name	Project – Containment Zone Alerting Application
Maximum Marks	2 Marks

Problem Statement:

An issue that has to be resolved or a situation that can be improved is summarised in a problem statement. The existing state and the desired state of a process are identified in the problem statement. By continuously tracking a user's location, this application aims to warn users of containment zones in a certain area and provide information about them. The application's main advantages include tracking users' activities and warning them of potential dangers.

The application's main advantages include tracking users movements and warning them of safety precautions.

1	I AM	Developer / Contributor
2	I'AM TRYING TO	Detect the Containment Zone in a short period of time and distribute the alert message to the public.
3	BUT	People may consider this type of message to be fake and may be bothered by it.
4	BECAUSE	Who spread the rumours in society in a matter of seconds. Where everyone in the society spreads the fakes alert message to others.
5	WHICH MAKES ME FEEL	As the Containment Zone expands, people prepare to raise awareness in society. My project contributes to the resolution of problems.

Who does the problem affect?	People who are traveling to places being unaware of COVID Containment Zones.
What is the issue?	If people get into a COVID containment zone, there arises a high risk for them getting into contact with an affected person and thereby it results in the transmission of the disease.
When does the issue occur?	When a healthy person gets into contact with an affected person living in a COVID prone area.
Where does the issue occur?	Getting affected by COVID might occur anywhere. Nonetheless, the risk of getting affected by the disease would be very high in Containment Zones.
Why is it important that we fix the problem?	It is important that we fix the problem that people become aware of Containment Zones and stay away from them to protect themselves from COVID-19
What solution to solve this issue?	An Alerting application that delivers instant alerts whenever a person enters a COVID Containment Zone.
What methodology used to solve the issue?	Geofencing of Containment Zones, Constant location monitoring of the users of the application, and instant alert delivery.