

**Design Phase-I**  
**Proposed Solution**

Team ID	PNT2022TMID02606
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)	Development of an android application for viewing the covid containment zones and also alerting the users not to enter the affected area using cloud and geofencing by sending notification.
2.	Idea / Solution description	To create an easy-to-use android application to alert the user when they enter a Containment Zone. To provide accurate results and alerting at the exact time when they enter the zone. This is done with the help of integration of Google Maps.
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• Development of an Android application is necessary which can inform people of the Covid19 containment zones and prevent trespassing into these zones.</li><li>• Android application updates the locations of the areas in a Google map which are identified to be the containment zones.</li><li>• The application also notifies the users if they have entered a containment zone and upload the details of individual in online database.</li></ul>
4.	Social Impact / Customer Satisfaction	The application saves people's life from restricting them from entering the Containment zone which saves them from catching the disease. Also shows precautionary measures when they entered the zones
5.	Business Model (Revenue Model)	Can tie up with people with normal and premium charges. <ul style="list-style-type: none"><li>• The data that is derived can be used in Government sectors.</li><li>• Can tie up the Government and get profit through that.</li></ul>
6.	Scalability of the Solution	The application will be useful for all people from saving their life's from catching the disease by alerting them when they accidentally entered the containment zone.

