

PROJECT DEVELOPMENT PHASE – I

PROPOSED SOLUTION

Team Id	PNT2022TMID07010
Project Title	Containment Zone Alerting Application
Maximum Marks	2 Marks

PROPOSED SOLUTION:

S. No	Parameter	Description
1	Problem Statement	<ul style="list-style-type: none">• Need to manage a database to monitor the containment zones in pandemic situations.• When a people will reach a particular containment zone, we need to alert the people the particular place is a containment zone so to alert the people we need to track the people location.
2	Idea and Solution	<ul style="list-style-type: none">• The application contains all the containment zones details in a cloud database.• When user reach a particular place the application checks whether the location is containment zone or not.• If the user reaches a containment zone the application send a notification to the user and it will send user details to the local police station or pandemic controlling office to control the spread of pandemic.
3	Novelty / Uniqueness	<ul style="list-style-type: none">• The uniqueness of containment zone alerting app is it shows the particular containment zone before the 500m• The user's location history is stored in database and this app provides the location of the vaccination providing places and nearby helping center.• It will also provide the approximate value of affected people in a particular containment zone.
4	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• It contains all the containment zones and sending the notification when reaching the containment zone before reach so the app is very useful to reduce the spread of pandemic.• It also contains the helping and vaccination center it also helpful to the user for vaccination and for medical emergencies• It sends the users details to the local police station who visited the containment zone it also helpful to control the pandemic and containment zones.
5	Business Model (Revenue Model)	<ul style="list-style-type: none">• It is a strategy is used to contain people and contain diseased people within a geographical area by early detection of cases, breaking the chain of cases.• Awareness is shared through SMS, Ads, Newspaper and Radio.

6	Scalability of the Solution	<ul style="list-style-type: none">• This app will provide daily updated containment zones database to the users• It will just monitor user location when user allow to monitor or track their location.• It will immediately send a notification or alarm to user before reaching the containment zone.
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