

PROBLEM SOLUTION FIT

FOR CONTAINMENT ZONE ALERTING

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Team id	PNT2022TMID45996
Project	Containment Zone Alerting Application

DESCRIPTION

- Containment activities are undertaken in a confined area to prevent infection from getting established in the community and prevent its spread outside the said area it intends to break the cycle of transmission.
- The containment Zones may be barricaded from all sides prohibiting entry and exit of person.
- Based on the location a Geofence will be created within a 100 meter radius.
- Geofence is a virtual perimeter for a real-world geographic area. It could be dynamically generated or match a predefined set of boundaries.
- By using this, they should be able to see how many people are visiting that zone.

KEY INTERVENTIONS FOR COVID CONTAINMENT

- Community Surveillance (House to House search for suspect cases)in containment zone.
- List and identify contacts.

- Create awareness in containment on COVID prevention and containment activities.
- Identify of containment and buffer zones are responsibilities of district administration/Local urban bodies.

CONTAINMENT ZONE

- Active house to house search for cases by surveillance teams formed for the purpose.
- Testing of all cases as per testing guidelines.
- Contact identification, listing, tracing, quarantine and follow up.
- Rapid isolation and appropriate management of suspect / confirmed cases.

STRICT PERIMETER CONTROL

- Establish clear entry and exit points.
- No movement except for medical emergencies and essential goods & services.
- No unchecked influx of population.
- People transiting to be recorded & followed.