Project Title: Containment Zone Alerting Application **Project Design Phase-I - Solution Fit** **Team ID:** PNT2022TMID29203

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

This is useful for all customers/users since it is health related application and it is mainly useful for travelers like delivery, etc.

6. CUSTOMER CONSTRAINTS — CC

The only constraint is the GPS should be ON all the time so to track the movement of the user and alert them. It will be an easy-to-use application.

5. AVAILABLE SOLUTIONS — AS

- Contaminated zone locations are available through news outlets.
- Zone's locations are available through Google maps.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

- To analyze and identify the issues in containment zones.
- To identify the containment zone locations.
- Detecting when the user enters any containment zones.

9. PROBLEM ROOT CAUSE — RC

- The user was not aware when they enter a contaminated zone.
- Due to this, they have the possibility of getting affected by the disease.
- No proper warning System when they enter a contaminated zone.

7. BEHAVIOUR — BE

- Tracks and alerts the user when the enter a contaminated zone.
- Shows precautionary measures when they enter the zone by accident.
- Shows the current cases in the area.

Focus on J&P, tap into BE, understand RC

Identify Strong TR & EM

3. TRIGGERS — TR

The application will alert when the user enters the containment zone and warns them not to enter or the measures to be taken when they enter the zone.

4. EMOTIONS: BEFORE / AFTER — EM

Before: The user will be in fear because they don't know whether they are going inside a containment zone or not.
After: The user will get an alert when they accidently enter a containment zone so that they are always safe.

10. YOUR SOLUTION — SL

The application is created with the ability of real-time tracking of user's location so that they get an alert notification when they enter a contaminated zone and also shows the precautionary measures to be taken. It also shows the user's current location stats such as number of people affected, recovered and deaths. This helps people to save themselves from getting affected by the disease.

8. CHANNELS OF BEHAVIOUR — CH

8.1 Online
- The contaminated zones are updated through online.
- The current cases, recovery and deaths are updated in real time.

8.2 Offline
- The user's location is stored in the device itself.
- The number of times the user entered the zone is stored locally.

Identify Strong TR & EM