



# PROJECT DESIGN PHASE-1

# PROBLEM SOLUTION FIT

Problem-Solution Fit canvas		Purpose / Vision	Version:		
CS	<b>1. CUSTOMER SEGMENT(S)</b> User just to maintain a proper profile and there is a need only to contact the emergency service and make them to give access to the location for their better view of nearby zones.	CL	<b>6. CUSTOMER LIMITATIONS</b> EG. BUDGET, DEVICES The application intended to provide information about containment zones in a particular region by alerting people, through continuous monitoring of an individual's location.	AS	<b>5. AVAILABLE SOLUTIONS</b> PLUSES & MINUSES The already existing solution was that "Aarogya setu app" central government taken the initiative in the year of 2022 on that time there is huge wave of COVID-19.
PR	<b>2. PROBLEMS / PAINS</b> + ITS FREQUENCY Infectious virus can affect any no.of age groups. So we can conclude the major infectious category.	RC	<b>9. PROBLEM ROOT / CAUSE</b> <ul style="list-style-type: none"><li>• Virus are addressed as a Airborne diseases it can be easily multiplied to others.</li><li>• There could be a less chance to intimate others in their affected person surroundings.</li><li>• It can be notified by the app user. So we plot a region as a containment zone.</li><li>• If someone entered into the affected region, instantly the alerted message are pushed by an email.</li></ul>	BE	<b>7. BEHAVIOR</b> + ITS INTENSITY <ul style="list-style-type: none"><li>• Having unstable networks</li><li>• Providing personalized datas</li><li>• Frequent checkout of smart mobiles</li><li>• Stay aware of alerted zones</li><li>• Heavy power consumption</li></ul>

### 3. TRIGGERS TO ACT

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If someone of the user use the app in Efficient manner their natives are should be alerted and follow the same for their precautions Because no one knows what do on that quarantine period.

### 4. EMOTIONS BEFORE / AFTER

EM

Before: How can we contact & intimate to others , Get Confused while we are travelling in a safe zone or not.

After: Easy contact of Emergency Help – line, Frequently Check -out the Containment zone

### 10. YOUR SOLUTION

SL

The project aims at building an application that provides information about the containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service.

### 8. CHANNELS of BEHAVIOR

CH

ONLINE

Online:

- \* It can give the updated alerted Zone.
- \* Push the alerted messages through email

Offline:

- \* Difficult to push the message while their disconnect the Mobile Data.
- \* App didn't show the updated alerted Zone

# SOLUTION ARCHITECTURE

## Solution Architecture Diagram:

