

Project Design Phase-I

Problem – Solution Fit Template

Date	30 September 2022
Team ID	PNT2022TMID48366
Project Name	Containment Zone Alerting Application
Maximum Marks	2 Marks

Problem – Solution Fit Template:

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

Purpose:

- ☐ Solve complex problems in a way that fits the state of your customers.
- ☐ Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.
- ☐ Sharpen your communication and marketing strategy with the right triggers and messaging.
- ☐ Increase touch-points with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.
- ☐ Understand the existing situation in order to improve it for your target group.

<p>Define cs, fit into cc</p> <p>on j&p, tap into BE, Under stand Focus RC</p> <p>Identify strong TR & EM</p>	<p>1. CUSTOMER SEGMENT(S) CS</p> <p>This alerting application focus on informing the public about the containment zone when they are in travel and also sends an alert to the police when a person enters the containment zone without permission using the containment zone alert system suggested containment zone alert system by means Geofencing technology to identify the movement of public.</p>	<p>6. CUSTOMER CONSTRAINTS CC</p> <ul style="list-style-type: none"> For the cluster containment, social distancing measures are key interventions to rapidly curtail the community transmission limiting interaction between infected persons and susceptible hosts. All mass gathering events and meetings in public or private places, in the containment and buffer zones shall be cancelled till such time, the area is declared to be free of pandemic the outbreak has increased to such scales to warrant mitigation measures instead of containment. 	<p>5. AVAILABLE SOLUTIONS AS</p> <p>The survey shows that there are several apps developed to provide awareness instead of alerting. Most of the states of our country have their own apps with specific features and functionality to help their citizens to stop pandemic spread. Get medical assistance during a crisis, create awareness, understand safety precautions. The study also shows that there are a limited number of apps which show the containment zones in the country or state and out of these none has the functionality of notifying and alerting the user when they have entered a containment zone.</p>	<p>Explore AS, diff ere ntia te</p> <p>Focus on j&p, tap into BE, Under stand RC</p> <p>Extract online & offline CH of BE</p>
	<p>2. JOBS-TO-BE-DONE/PROBLEMS J&P</p> <p>There are mainly three activities in the application:</p> <ul style="list-style-type: none"> The first activity consists of a welcome screen which is designed with image and information. Next activity is a screen displaying the instruction to operate the application and a disclaimer. Third activity is a map activity which show all the containment zone in a google map. 	<p>10. PROBLEM ROOT CAUSE RC</p> <p>A control room shall be set up inside the containment zone to facilitate collection, collation and dissemination of data from various field units to district and state control rooms. This shall be manned by an epidemiologist under which data managers will be responsible for collecting, collating and analyzing data from field and health facilities. The control room at state government will alert all neighboring districts. There shall be enhanced surveillance in all such districts for detection of clustering of symptomatic illness.</p>	<p>7. BEHAVIOUR BE</p> <p>They should have a login to app and update the containment zones locations in the portal. Based on the location a geofence will be created within a 100 meters radius. They should be able to see how many people are visiting that zone. The app should have user registration and login. After the user logged into the app it will track the user location and update the database with the current location. If the user is visiting the containment zone he will get an alert notification.</p>	
	<p>3. TRIGGERS TR</p> <ul style="list-style-type: none"> Notifies the user when he or she trespasses the boundary of a containment zone or stay in the containment zones. Awareness among the people to carry out all the preventive measures can immensely help to reduce spread of the infection. 	<p>9. OUR SOLUTION SL</p> <p>Now days many people are unaware of containment zones, which leads to people get suffered with various issues and loss. Through "Containment Zone Alerting Application" We can eliminate such problems via alert messages and which also helpful to generate awareness among people. No one is aware of the containment zone and they get problem. The client must identify the which is the containment zone. The main reason behind do to this job is that customers should be in a zone.</p>	<p>8. CHANNELS OF BEHAVIOUR CH</p> <p>Online: Easy to identify the containment zone via means through the alert message "Polices know who enter the containment zone through the alert message". "From the given list they know the zone of control".</p> <p>Offline: "Customer very difficulty in identify for containment zone". "The polices are guarding against the entry from the containment zone". "The customer inquiries as to what the containment zone".</p>	
	<p>4. EMOTIONS-BEFORE/AFTER EAS</p> <p>Before: Travelers don't know the in that zone in the so they enter the containment zone.</p> <p>After: The application provides an efficient way of showing the identified disaster containment zone to the user in a google map.</p>			