Project Title : Skill / Job recommender | **Project Design Phase-I - Solution Fit Template** | **TeamID : PNT2022TMID00862**

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

- User will go through the application for finding containment zones nearby.
- User should give permission to track their current location.
- User will receive notification while entering containment zone.

6. CUSTOMER CONSTRAINTS — CC

- Location and Mobile Internet must be turned on while using the application .
- If API call is not Integerated ,application will not work.

5. AVAILABLE SOLUTIONS — AS

- Containment zone can be categorized as various levels based on patient count.
- User can make use of Search box to search the covid centre.
- We can use personal recommendatory system for recommending the nearby hospitals for emergency.

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

- Designing the application using python flaskweb framework.
- For Data Storage IBM DB2 is used.
- Kubernetes Cluster is used for containerize the application
- Alert Email is sent if visited to containment zone using send grid.

9. PROBLEM ROOT CAUSE — RC

If we go through the other's covid app there will be no map visibility about containment zone and to make user satisfied map visibility is given and user friendly interface is deployed in this app in order to break the covid chain.

7. BEHAVIOUR — BE

- While using the app , if user faces any issues he can rise a ticket and make a report of the problem.

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

Identify strong TR & EM

3. TRIGGERS — TR

- User Friendly by giving map visibility of the containment zones.
- Gives availability and options about the nearby Hospitals, Medical Camps for Emergency purposes.

4. EMOTIONS: BEFORE / AFTER — EM

- If the network is not available that may create negative impact for the User.
- If the User doesn't receive the "Alert" notification properly that may create negative impact for the User.
- Cloud, Database Management and frequent updation and maintenance should be done.

10. YOUR SOLUTION — SL

- applicatiom can be desgined using python webframework.
- IBM Db2 Database can be used for data storage.
- Containment zones are deployed by using geofencing.
- The developed product will be platform independent.

8. CHANNELS of BEHAVIOUR — CH

8.1 **ONLINE**

- Proper Notification will be given if user enters the containment zone.

8.2 **OFFLINE**

- Latest updated Data about the containment zone will be displayed which was displayed before going offline.

Identify strong TR & EM