Project Title: Analytics for hospitals health care data **Project Design Phase-I - Solution Fit** **Team ID:** PNT2022TMID23375

Define CS, fit int o CC

1. CUSTOMER SEGMENT(S)   CS

Who is your customer?
i.e. working parents of 0-5 y.o. kids

The customer requirements are:
a. Login
b. Modify
c. Remove
d. View
e. Review

6. CUSTOMER CONSTRAINTS   CC

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

Maintenance of server, data, Network errors, no support system, wrong data input gives wrong output therefore error handling to be done.

5. AVAILABLE SOLUTIONS   AS

Which solutions are available to the customers when they face the problem

The available solutions are:
a. Providing correct input to tool.
b. Server Maintenance to be done regularly.
c. Network Stability
d. Using consistent Data

Explore AS, differentiate

Focus on J&P, tap int o BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS   J&P

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

The jobs to be done are
A. Upload the patient data set
B. Prepare the data
C. Visualising the data

The problems are:
a. Wrong input by the user
b. Data Latency
c. Poor Network Standard
d. Server Error

9. PROBLEM ROOT CAUSE   RC

What is the real reason that this problem exists? What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

Server maintenance is not done periodically.

Inconsistent data

Bandwidth of device does not support the product tool.

7. BEHAVIOUR   BE

What does your customer do to address the problem and get the job done?

i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work

The behaviors are:
Displays output clearly.
Easily Customizable
Displays Visual data more clearly.

Focus on J&P, tap int o BE, understand RC

3. TRIGGERS

TR

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

Redoing the task again and again
Takes long time

4. EMOTIONS: BEFORE / AFTER

EM

How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Before: Faster completion of this project is expected.

After: Delayed due to problems that makes frustrated

10. YOUR SOLUTION

SL

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

Including only essential data

Improving the product adaptable to work in changing bandwidth.

Using the most efficient visualization.

8. CHANNELS of BEHAVIOUR
CH

8.1 ONLINE
What kind of actions do customers take online? Extract online channels from #7

A user/patient will feed his/her data in the interactive dashboard which is hosted online like age, sex, bp level, sugar level etc.

8.2 OFFLINE
What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Based on the output generated patients have been given bed allocation in hospital. They can get treatment in the hospital by the effective allocation of resources by the predicted time of patients required bed time in the hospital