PROJRCT TITLE:DATA ANALYTIC FOR HOSPITAL HEALTH-CARE DATA
PROJECT DESIGN PHASE-1:PROBLEM SOLUTION-FIT TEMPLATE
TEAM ID:PNT2022TMID26228

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) `CS`

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

Hospital managements and patients

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.

Could not predict the length of stay of the patient, especially during the pandemic situation

5. AVAILABLE SOLUTIONS `AS`

Which solutions are available to the customers when they face the problem
or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

Hospital bed management using data mining techniques

Explore AS, differentiate

Focus on J&P, tap into 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.

Proper data analysis is needed for various needs of the patients

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.

Insufficient analysis in data management, human errors and poor scheduling

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 (i.e. Greenpeace)

Regular monitoring od database of patient to avoid errors

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

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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.

Prevailing emergency and pandemic periodic situations

4.EMOTIONS; BEFORE/AFTER
BEFORE:Unstable physical and psychological state during the pandemic period.

AFTER:Physical and psychological comfort and security to the patients. Improved bed allocation facilities.

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.

Using periodic analysis powered by the AI which is used in analytics technique proper data analysis and implementation in interactive dashboard

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE
Usage of data exploration, secured login.

8.2 OFFLINE
Maintaining data set for the patients occupancy period, predicting the LOS with doctors.