Project Title: Analytics for hospitals health care data **Project Design Phase-I - Solution Fit Template** **Team ID:** PNT2022TMID10306

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

- The customer who is trying to segregate and arrange the records of patients in the hospitals.
- It includes patients of all ages.

6. CUSTOMER CONSTRAINTS CC

- Customers avoid the paper document work of the patients in order to avoid the loss of documents.
- Patient will not able to stay without register in the healthcare.

5. AVAILABLE SOLUTIONS AS

- Existing solution have lack of effective data in healthcare and less privacy but now proposed solution has rectified and even have the ability to predict the future

Explore AS, differentiate

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

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

- Proper allocation of resources.
- Predicting length of stay of patients.
- Providing proper treatment to patients.
- Maintaining good hospitality for every patient.

9. PROBLEM ROOT CAUSE RC

- It is challenging for people to manage their data day to day due to inefficient prediction and calculation of the situations they face in their life.
- They always manually prepare the data because of this its consume more amount of time.

7. BEHAVIOUR BE

- When it comes to collecting the data, manual calculations lead to fluctuation.
- Data tracking with the methodologies like text mining and information retrieval.

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

Identify strong TR & EM

3. TRIGGERS TR

- Seeing other hospitals providing better treatment than the current hospital.
- Thinking that home treatment is better than hospital treatment.

4. EMOTIONS: BEFORE / AFTER EM

- **BEFORE:** Tensed and perplexed mindset to recover from disease.
- **AFTER:** They feel revealed from their disease and sufferings faced due to their illness.

10. YOUR SOLUTION SL

- Using various representation and analytical techniques to represent the data in various forms and formats.
- Using the analytical techniques to predict the future events.

8. CHANNELS of BEHAVIOUR CH

ONLINE :

- Exploring data and having the opportunity to predict the outcomes of the future using various bars, charts and graphs.

OFFLINE :

- Gather the data on patient's quality and history and visualize them in various representations.

Identify strong TR & EM