

## PROJECT DESIGN PHASE – 1

### PROBLEM SOLUTION FIT

Date	30 <sup>th</sup> September 2022
Team ID	PNT2022TMID35028
Project Name	Analytics for Hospital Health-Care Data
Maximum Marks	2 Marks

**1.**  
**CUSTOMER SEGMENT(S)**

- Patients
- Hospital Management

**6.**  
**CUSTOMER STATE LIMITATIONS**

- Inadequate information about availability of required resource

**5.**  
**AVAILABLE SOLUTIONS**

- Tableau cloud
- Text Mining
- Information Retrieval

**2.**  
**PROBLEMS / PAINS**

- Effective Resource allocation
- Reduce Waiting time for patients in Hospitals

**9.**  
**ROOT / CAUSE**  
of every problem

- No proper system or less efficient Prediction System

**7.**  
**BEHAVIOR**

Tracking the information with the available Technologies

**3.**  
**TRIGGERS TO ACT**

- Covid Pandemic
- Emergency Situations

**4.**  
**EMOTIONS**

- BEFORE: Feeling bad & Frustrated
- AFTER: Feeling better & Relaxed

**10.**  
**YOUR SOLUTION**

Existing: ratio of discharges in given period of time to no. of beds in hospital during the time period

Proposing: Using predictive analysis powered by AI

**8.**  
**CHANNELS OF BEHAVIOR**

ONLINE: Use of data from all region(data Exploration)

OFFLINE: Use of data Collect from nearby facilities