Project Title: **Analytics for Hospitals Health-Care Data**

Team ID: PNT2022TMID16434

Project Design Phase-I – Solution Fit Template

Define CS, fit into CC

Explore AS, differen

1. CUSTOMER SEGMENT(S) `CS`

Hospitals, Health Care Centers,Nursing Home, Clinics

6. CUSTOMER CONSTRAINTS `CC`

**Information to accesss the developing Solution.
**Only highly Confedential individuals are Permitted access

5. AVAILABLE SOLUTIONS `AS`

Predicting the patient's LOS using basic
Machine Learning techniques and with fairly tees accuracy is
The accessible solution.

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

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

2. JOBS-TO-BE-DONE / PROBLEMS

Unpredictability of resources

Lack of proper Management System.

Lack of Customer Satisfaction

9. PROBLEM ROOT CAUSE `RC`

Unexpected Condition like Covid

Lack of Management of Resources

Intension of Caring Patients

7. BEHAVIOUR `BE`

More Employee to manage system	5
Increase the number of available Resources	4

3. TRIGGERS `TR`

When customers got informative ideas regarding the system and
Understanding the helplines of highly pandemic situation like covid.

10. YOUR SOLUTION `SL`

Patient's length of stay(LOS) is influenced by several important variables including
By several important variable,including age, disease type, and degree of severity.
The most crucial information from the dataset is pre processed first .The dataset is
Then analysed and visualised,and a prediction model is using ensemble algorithms,
Which use numerous decision trees.

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE
More Employee to manage system

8.2 OFFLINE
1.More Employee to manage system
2.Increase the number of available resources

4. EMOTIONS: BEFORE / AFTER   EM

Before – Frustration to manage resources

After – Ease in Management