PROJECT DESIGN PHASE – 1

PROBLEM SOLUTION FIT

Date	16 September 2022
Team ID	PNT2022TMID18970
Project Name	Early Detection Of Chronic Kidney Disease Using Machine Learning
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