

PROJECT DESIGN PHASE-1

PROBLEM SOLUTION FIT

Date	30 SEPTEMBER 2022
Team ID	PNT2022TMID16016
Project Name	Early Detection of Chronic Kidney Disease Using Machine Learning
Maximum Marks	2 Marks

Problem Solution Fit:

CS 1.CUSTOMER SEGMENT(s) The patient affected by the Chronic kidney diseases	CC 6.CUSTOMER CONSTRAINTS Collection of database is the major process. It is cost efficient.	AS 5.AVAILABLE SOLUTION Currently, data classification and Deep learning algorithms are used to predict the diseases.
J&P 2.JOB-TO-BE DONE/PROBLEMS The collection of data must be pre-processed and analyzed the data by the machine learning techniques and also used various algorithm.	RC 9.PROBLEM ROOT CAUSE The major cause of this problem is lack of drinking water and doesn't follow the proper diet and doesn't have proper awareness is also being a root cause.	BE 7.BEHAVIOUR They must have to check the corresponding health sectors.
TR 3.TRIGGERS They may have trigger while hearing about the result of the diagnosed diseases and this is used to give the more accurate results. EM 4.EMOTIONS:BEFORE/AFTER Before: Patients may get triggered emotionally after hear the analyzed result. After: But it helps to early diagnose of the diseases and probability of curability is high. It is highly recommendable.	SL 10.YOUR SOLUTION Our project is about diagnosing the kidney disease based on the previous records by using the machine learning algorithms or techniques.	CH 8.CHANNEL OF BEHAVIOUR Online: The user can able to analyze the symptoms by using the diagnosed image. Offline: By visiting the health sector which has the system to process the kidney diagnosis.