PROJECT DESIGN PHASE-I
PROPOSED SOLUTION

Date	10 October 2022
Team ID	PNT2022TMID12917
Project Name	Project - Early Detection Of Chronic Kidney Disease Using Machine Learning
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To develop a machine learning model and further, an application to detect chronic kidney disease in early stages
2.	Idea / Solution description	Utilizing the patient's health record data, we propose a solution where a machine learning model is used to predict if patient is suffering from CKD or not.
3.	Novelty / Uniqueness	Early detection can be done using this solution. Easy to use for people who are not so familiar with applications.
4.	Social Impact / Customer Satisfaction	CKD can be detected at very early stages and the patient can get the necessary medical care at the earliest to get cured.
5.	Business Model (Revenue Model)	Apart from patients, this solution can be directly used at hospitals as well. So, the application can be purchased by hospitals or medical labs.
6.	Scalability of the Solution	The ML model can be scaled such that it can detect other diseases which are a side effect or can occur along with CKD.