Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID17716
Project Name	Project – Early chronic kidney disease prediction
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Predicting whether the person is affected by early chronic kidney disease due to issues like high blood pressure, diabetes, high sugar level etc. This may even lead to the death of person if it's found in later stage. So there is need to predict in advance.
2.	Idea / Solution description	The parameters that are collected from the user can be analysed with the trained models to predict the chronic kidney disease in advance. To solve this problem, models are developed using machine learning algorithms to make prediction with higher accuracy.
3.	Novelty / Uniqueness	The model is focused on various parameters which helps to predict the person is affected or not to ensure the high accuracy.
4.	Social Impact / Customer Satisfaction	The main goal to help the person to know whether they are affected by chronic kidney disease or not. Thus, it is necessary to provide higher accuracy results.
5.	Business Model (Revenue Model)	The customers get attracted to the application as they can know their condition from their place instead of travel over a distance to get the results. As all the parameters are analysed, they provide accurate results.
6.	Scalability of the Solution	Through the analysis of all the data and solutions, our solution is scalable. We could optimize it by changing the parameters to predict the disease.