Project Design Phase-I
Proposed Solution Template

Date	16 October 2022
Team ID	PNT2022TMID25893
Project Name	Project – Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	2 Marks

Proposed Solution :

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Chronic Kidney Disease (CKD) is a major medical problem and can be cured if treated in the early stages.
2.	Idea / Solution description	The attributes of various medical tests are investigated to distinguish which attributes may contain helpful information about the disease. The information says that it helps us to measure the severity of the problem and we make use of such information to build a machine learning model that predicts Chronic Kidney Disease.
3.	Novelty / Uniqueness	The algorithm to predict Chronic Kidney Disease at an early stage.
4.	Social Impact / Customer Satisfaction	It is a user interactive interface. So, customer Can easily understand the application.
5.	Business Model (Revenue Model)	This prediction is useful when it's implemented In business.
6.	Scalability of the Solution	The results showed that Random Forest Classifier model better predicts Chronic Kidney Disease(CKD).