Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID04381
Project Name	Early Detection of Chronic Kidney Disease Using Machine Learning
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Chronic Kidney Disease (CKD), which affects a large number of individuals and poses a major risk to life when detected early enough, requires efficient treatment.
2.	Idea / Solution description	The goal of this initiative is to identify chronic kidney disease even before symptoms appear so that appropriate therapy may be offered when it is needed.
3.	Novelty / Uniqueness	Instead of using CKD test results alone to identify the condition, this project also incorporates factors from other test findings.
4.	Social Impact / Customer Satisfaction	Patients can receive the appropriate treatment at the appropriate time since this solution anticipates the disease at an early stage. Additionally, it facilitates fast illness diagnosis for medical professionals.
5.	Business Model (Revenue Model)	This project may be maintained accessible to everyone via a website, enabling fast diagnoses to be provided to everyone as soon as possible. The usage of this website as a tool by doctors and the general public can thus result in money.
6.	Scalability of the Solution	The accuracy and number of parameters required for this prediction may both be increased while lowering the number of parameters required. Additionally, this approach can be used in the future to identify a number of other diseases.