

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID21077
Project Name	Early Detection of Chronic Kidney Disease Using Machine Learning
Maximum Marks	2 Marks

Proposed Solution Template:

The project team shall fill in the following information in the proposed solution.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The goal is to predict the presence of chronic kidney disease at the early stage of disease so that the disease can be cured at the early stage and the prevention of loss of life can be done.
2.	Idea / Solution description	By taking the past medical history of patients from the dataset as inputs to predict CKD using machine learning concepts.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• Best accuracy.• Easy to use User Interface.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• Reduce cost.• The chances of recovery are high.• Effective.
5.	Business Model (Revenue Model)	One-time investment for hospitals.
6.	Scalability of the Solution	ML models may be quickly updated and resized. When supplied with various types of data, the same machine-learning model can potentially be used to detect additional fatal diseases.