

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID34602
Project Name	Project – Early Detection of chronic kidney Disease using Machine Learning
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)	To detect the Chronic Kidney Disease at early stages .
2.	Idea / Solution description	Effective Early detection of Chronic Kidney Disease
3.	Novelty / Uniqueness	Unique Dataset which is required for the detection of kidney disease has been used in the project. This can be implemented as a new method
4.	Social Impact / Customer Satisfaction	This project serves the social impact as the person who has kidney disease and is unsure about the disease, can give the data and the data is given as input and the prediction will be the output.
5.	Business Model (Revenue Model)	The CKD model is a valid, general purpose model intended as a resource to inform clinical and policy decisions improving CKD care. Its value as a tool is illustrated in our project.
6.	Scalability of the Solution	Over 1000 users can use the prediction model by using the Machine learning. If the users are more then we should go for Deep Learning.