Project Design Phase-I

Proposed solution

Date	24 September 2022
Team ID	PNT2022TMID32429
Project Name	Project-Early Detection of Chronic Kidney Disease Using Machine Learning
Maximum Marks	2 Marks

S.No	Parameter	Description
1.	Problem statement(problem to be solved)	Our aim is to predict patients with Chronic Kidney Failure (CKD) disease and patients who do not(not CKD).
2.	Idea/Solution Description	We are building a Machine Learning model to predict the compressive strength of concrete.
3.	Novelty/Uniqueness	With the measure of Glomerular Filtration Rate Early Detection of kidney failure is accurate. Deep neural networks have been proposed to detect and diagnose CKD.
4.	Social Impact/customer satisfaction	Unlike MRI which uses radiation, we detect the people with CKD through blood and urine tests itself.
5.	Business model(revenue model)	It is cost efficiency and also provides best results.
6.	Scalability of the solution	This model can be expanded to include more attributes for more accurate Detection. Training the model with more attributes will increase the efficiency further.