

## IDEATION PHASE PROBLEM STATEMENT

DATE	19 SEPTEMBER 2022
TEAM ID	PNT2022TMID17716
PROJECT NAME	EARLY DETECTION OF CHRONIC KIDNEY DISEASE USING MACHINE LEARNING
MAXIMUM MARKS	2 MARKS

### PROBLEM STATEMENT:

Kidney diseases affect the normal function of the kidney. Early prediction of kidney disease using classification and regression algorithms are effective that can help the doctors to diagnose the disease within a short duration of time as it is a complex task for the doctors to predict early. The main objective of this project is to analyze the parameters of various classification algorithms and compare their predictive accuracies so as to find out the best classifier for determining the kidney disease. This Project examines data from kidney patients concentrating on relationships kidney enzymes, proteins, age and gender using them to try and predict the likeliness of kidney disease. Here we are building a model by applying various machine learning algorithms find the best accurate model. And integrate to flask-based web application.

I am	The person to predict the kidney disease using Machine Learning techniques.
I'm trying to	Use the recent technologies to predict the human kidney disease.
But	I am unaware of the existing technology that can help me a lot to predict the disease and I don't know to use the correct technology.
Because	I don't want to waste the cost and time.
Which makes me feel	I want a best accuracy which can predict the disease so that the people can move with their necessary treatments.