

## Ideation Phase

### Define the Problem Statements

Date	17 October 2022
Team ID	PNT2022TMID01191
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	2 Marks

#### Customer Problem Statement:

Chronic Kidney Disease (CKD) is a major medical problem and can be cured if treated in the early stages. Every year, an increasing number of patients are diagnosed with late stages of renal disease. Chronic Kidney Disease is characterized by abnormal kidney function or a breakdown of renal function that progresses over months or years. Usually, people are not aware that medical tests we take for different purposes could contain valuable information concerning kidney diseases. Chronic kidney disease is often found during screening of persons who are known to be at risk for kidney issues, such as those with high blood pressure or diabetes, and those with a blood family who has chronic kidney disease (CKD). Consequently, attributes of various medical tests are investigated to distinguish which attributes may contain helpful information about the disease. The information says that it helps us to measure the severity of the problem and we make use of such information to build a machine learning model that predicts chronic kidney disease.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Doctor	treat chronic kidney disease	analysing patients symptoms ,its quite difficult	patients are not aware of their symptoms	hard to treat
PS-2	Patient	cure my chronic kidney disease	I'm not aware of early symptoms	of medical care avoidance and fear	frustrated about my condition