

**IDEATION
PHASE
PROBLEM
STATEMENT**

Date	18 october 2022
Team ID	PNT2022TMID17480
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning

Problem Statement:

Chronic kidney disease, also called chronic kidney failure, involves a gradual loss of kidney function. Your kidneys filter wastes and excess fluids from your blood, which are then removed in your urine. Advanced chronic kidney disease can cause dangerous levels of fluid, electrolytes and wastes to build up in your body. In the early stages of chronic kidney disease, you might have few signs or symptoms. You might not realize that you have kidney disease until the condition is advanced. Treatment for chronic kidney disease focuses on slowing the progression of kidney damage, usually by controlling the cause. But, even controlling the cause might not keep kidney damage from progressing. Chronic kidney disease can progress to end-stage kidney failure, which is fatal without artificial filtering (dialysis) or a kidney transplant. Without leading to vital stage of Kidney disease, Machine Learning algorithms can be used to predict the earlier detection.

I am	Suffering from Vomiting, Loss of appetite, Fatigue and weakness, Sleep problems, Urinating more or less, Muscle cramps, Shortness of breath
I am trying to	Go for a medical check up as it may lead to severe phenomenon.
But	I cannot able to find an efficient way to do a complete diagnose of my anatomy without spending too much amount of time and also, I want a promising record of the conducted diagnosis.
Because	I don't dare to have my diagnosis in a less promising manner.