Ideation Phase
Define the Problem Statements

Date	30 September, 2022
Team ID	B1-1M3E
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	-

Problem Statement:

Who does the problem affect?	**CKD is more common in people aged 65 years or older (38%) than in people aged 45–64 years (12%) or 18–44 years (6%). CKD is slightly more common in women (14%) than men (12%).**
What is the issue?	**Chronic Kidney Disease (CKD) is a major medical problem and can be cured if treated in the early stages. Usually, people are not aware that medical tests we take for different purposes could contain valuable information concerning kidney diseases.**
Why is it important that we fix the problem?	**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**
Which solution can be used to address this issue?	**A machine learning powered web application model with the strong building of algorithm that helps to identify and predicts the disease with the identification of symptoms from various parameters entered by the user.**
What methodology used to solve the issue?	**Supervised and Unsupervised machine learning, Data mining , Python web application interface – Flask , IBM Cloud.**