

**Ideation Phase**  
**Define the Problem Statements**

|               |  |
|---------------|--|
| Date          | 17 October 2022  |
| Team ID       | PNT2022TMID12917   |
| Project Name  | Project - Early Detection Of Chronic Kidney Disease Using Machine Learning |
| Maximum Marks | 2 Marks  |

**Customer Problem Statement Template:**

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. 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

| <b>Problem Statement (PS)</b>                                    | <b>I am (Customer)</b>                      | <b>I'm trying to</b>  | <b>But</b>   | <b>Because</b>  | <b>Which makes me feel</b>  |
|--|---|---|--|---|---|
| Early Detection of Chronic Kidney Disease Using Machine Learning | A patient with a problem in his/her Kidneys | Test the presence of kidney disease quickly and diagnose with appropriate medications | Late detection of such diseases might lead to fatal reactions and medications might be expensive | To reduce the impact of kidney disease with detecting the disease in early stages | That we can reduce the impact of kidney diseases as once we detect it in an early stage we can work on reducing its impact, utilizing ML algorithms |