

Project Initialization and Planning Phase

Date	4 th June 2024
Team ID	SWTID1720164961
Project Name	Early Prediction of Chronic Kidney Disease Using Machine Learning
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Develop a machine learning model to accurately detect Chronic Kidney Disease (CKD) in its early stages based on patient demographics, medical history, and clinical test results. The model should provide reliable predictions to assist healthcare providers in timely interventions and patient management, aiming to improve early diagnosis rates and reduce the progression of CKD to advanced stages.

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the user does - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

Example:

I am	I'm trying to	but	because	which makes me feel
a traveler	book flights on my phone	it takes a long time	the website is not responsive and doesn't have a mobile version	Frustrated

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I am a patient concerned about my health and well-being	I am trying to understand if I have Chronic Kidney Disease (CKD) at an early stage	But I often experience uncertainty and anxiety about my health condition	Because early detection is crucial for effective treatment and management	Which makes me feel hopeful yet apprehensive about the future of my health.