

Project Initialization and Planning Phase

Date	11 June 2025
Team ID	SWTID1749620488
Project Name	Chronic Kidney Disease Detection Using Machine Learning
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love. A well-articulated customer problem statement allows you and your team to find the ideal solution for your customers' challenges. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

I am	<small>Describe customer with 3-5 key characteristics - who are they?</small>	Describe the customer and their attributes here
I'm trying to	<small>List their customer or "job" the user does - what are they trying to achieve?</small>	List the thing they are trying to achieve here
but	<small>Describe what problems or barriers stand in the way - what do they think?</small>	Describe the problems or barriers that get in the way here
because	<small>Enter the "root cause" of why the problem or barrier exists - what needs to be solved?</small>	Describe the reason the problems or barriers exist
which makes me feel	<small>Describe the emotions from the customer's point of view - how does it impact them emotionally?</small>	Describe the emotions the result from experiencing the problems or barriers

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

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A general physician in a clinic	detect chronic kidney disease in its early stages	manual diagnosis is time-consuming and error-prone	it relies on scattered clinical metrics and inconsistent documentation	worried about missing early-stage CKD in patients
PS-2	A healthcare data analyst	build a reliable	medical datasets	most patient	frustrated and unsure about the

		model for CKD prediction using patient data	often have missing values and inconsis tent formatti ng	records are incomplete or labeled ambiguousl y	accuracy of my predictions
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