

Ideation Phase

Define the Problem Statements

Date	27 June 2025
Team ID	LTVIP2025TMID52721
Project Name	EduTutor-AI-Personalized-Learning-with-Generative-AI-and-LMS-Integration
Maximum Marks	2 Marks

Customer Problem Statement Template:

- 1. Specific Problem:** Clearly define the problem.
- 2. Customer Perspective:** Understand the customer's needs and pain points.
- 3. Impact:** Quantify the impact of the problem.
- 4. Current Challenges:** Identify current challenges or workarounds.
- 5. Desired Outcome:** Describe the desired solution or outcome.

Benefits

- 1. Clear Understanding:** Clearly understand the customer's problem.
- 2. Effective Solution:** Develop an effective solution that meets customer needs.
- 3. Improved Customer Satisfaction:** Improve customer satisfaction by addressing their pain points.

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 care about - 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:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a college student preparing for competitive exams	get personalized guidance and practice questions suited to my weak areas	the current LMS only provides static notes and generic quizzes	it does not use AI to analyze my progress or adapt to my learning needs	stressed, unsupported, and anxious about falling behind
PS-2	a school teacher managing multiple students with different learning paces	offer individualized feedback and tailor learning materials for each student	my LMS lacks integration with AI tools that can automate content generation and analysis	it's time-consuming to manually create personalized resources for every student	overwhelmed, inefficient, and concerned about student outcomes