

Ideation Phase

Define the Problem Statements

Date	27 June 2025
Team ID	LTVIP2025TMID30136
Project Name	EduTutor AI: Personalized Learning with Generative AI and LMS Integration
Maximum Marks	2 Marks

Customer Problem Statement:

Problem Statement-1:

A high school or college student is trying to understand complex math concepts but gets confused easily because the explanations in their textbook are hard to follow, which makes them feel overwhelmed.



Problem Statement-2:



Problem Statement-3:



Problem Statement (PS)	I am (A student/ learner)	I'm trying to	But	Because	Which makes me feel
PS-1	A student/ learner	get quick answers and immediate explanations for my study questions or new concepts	I don't always have a tutor available, or immediate access to comprehensive resources for on-the-spot queries	traditional learning methods often have delays in feedback and personalized attention	stuck, frustrated, and unable to progress efficiently through my study material
PS-2	A student/ learner	quickly understand the main points of long or complex texts, and grasp difficult concepts without extensive reading	reading extensive materials is time-consuming, and some concepts are difficult to grasp on my own	I have limited study time and sometimes lack the background knowledge for deep understanding of complex topics	overwhelmed, inefficient, and worried about missing key information
PS-3	A student/ learner	test my knowledge and get effective, personalized practice on specific topics or learning materials (like PDFs)	creating personalized quizzes is tedious, and getting immediate, detailed feedback with explanations is challenging	I need targeted practice to identify my weak areas and truly understand my mistakes beyond just a right/wrong answer	unprepared, unsure of my comprehension, and unable to effectively self-assess
PS-4	A student/ learner	track my learning progress over time and identify my specific weak areas from past performance	I lack a centralized, automated system to review my quiz performance and get actionable insights from my learning data	without clear data, it's hard to know where to focus my study efforts for maximum improvement	directionless, unmotivated, and unsure if I'm genuinely improving or just memorizing