

Ideation Phase

Define the Problem Statements

Date: 31 May 2025

Team ID: LTVIP2025TMID24661

Project Name: SmartTeach AI

Maximum Marks: 2 Marks

Customer Problem Statement:

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 the challenges your customers face. 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.

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

| Problem Statement (PS) | I am (Customer) | I'm trying to | But | Because | Which makes me feel |
|------------------------|---|--|---|---|---|
| PS-1 | A high school student preparing for board exams | understand complex mathematical concepts and solve practice problems | I can't get immediate help when I'm stuck on difficult problems | my teachers are not available 24/7 and my parents can't help with advanced topics | frustrated, anxious, and falling behind in my studies |
| PS-2 | A college student studying remotely | get personalized learning assistance and track my academic progress | traditional study materials are generic and don't adapt to my learning pace | one-size-fits-all educational resources don't address my specific learning style and knowledge gaps | overwhelmed, unmotivated, and uncertain about my academic performance |

| Problem Statement (PS) | I am (Customer) | I'm trying to | But | Because | Which makes me feel |
|-------------------------------|--|---|---|--|--|
| PS-3 | A working professional taking online courses | access quality educational content and get instant clarification on doubts | I have limited time and need flexible learning solutions that fit my schedule | traditional learning methods require fixed timings and physical presence | stressed about balancing work and education, and worried about missing important concepts |
| PS-4 | An educator teaching diverse students | create engaging assessments and track individual student progress effectively | managing personalized learning for each student is time-consuming and challenging | I have limited resources and tools to create adaptive content for different learning abilities | exhausted from manual work and concerned about not meeting each student's individual needs |