**Ideation Phase**

**Define the Problem Statements**

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| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID30306 |
| Project Name | EduTutor AI: Personalized Learning with Generative AI and LMS Integration |
| Maximum Marks | 2 Marks |

**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 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.

Graphical user interface, text, application, email

Description automatically generated

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

**Example:**

Chart, treemap chart

Description automatically generated

| **PS No.** | **I am...** | **I’m trying to...** | **But...** | **Because...** | **Which makes me feel...** |
| --- | --- | --- | --- | --- | --- |
| PS-1 | a high school student | find a tutor or platform that helps me focus on my weak topics | most apps don’t adapt to my learning style | they provide generic lessons without personal feedback | lost, frustrated, and overwhelmed |
| PS-2 | a parent | monitor my child’s progress and understanding | current apps don’t give clear or useful feedback | they don’t use real-time AI to personalize the experience | unsure and anxious about my child’s learning |
| PS-3 | a college student with a busy schedule | learn quickly based on what I already know and need to revise | most systems follow fixed syllabus instead of adaptive flow | they don't analyze past performance or suggest priority content | unmotivated and bored |
| PS-4 | a teacher | identify which students are struggling and why | I don’t get personalized insights per student | the current LMS lacks smart analytics | disconnected and unsupported |
| PS-5 | a school administrator | implement AI-driven learning for all students | most tools are costly and hard to integrate with our LMS | they require technical expertise or external support | frustrated and limited in choices |
| PS-6 | a new user exploring the EduTutor AI app | get help on how to use the features effectively | there is no onboarding or smart assistant available | the app doesn't provide guided steps or interactive help | confused and stuck |
| PS-7 | a student preparing for exams | practice only the areas where I need improvement | the quiz recommendations are not relevant or specific | they are random or based on full syllabus | overwhelmed and unprepared |