**Ideation Phase**

**Define the Problem Statements**

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| --- | --- |
| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID34195 |
| 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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | A high school student | Learn at my own pace with engaging materials | tandardized lessons don’t adapt to my level | The curriculum is rigid and one-size-fits-all | Frustrated and demotivated |
| PS-2 | A university educator | Provide personalized feedback to 100+ students | Grading quizzes manually takes hours | I lack automated tools integrated with my LMS (Google Classroom) | Overwhelmed and time-poor |
| PS-3 | An online learner | Improve weak topics through practice quizzes | Generic quiz apps don’t align with my course content | Existing tools don’t sync with my LMS or use AI for adaptation | Annoyed and disengaged |