**Ideation Phase**

**Define the Problem Statements**

|  |  |
| --- | --- |
| Date | 20 June 2025 |
| Team ID | LTVIP2025TMID31897 |
| Project Name | EduTutor AI – Personalized Learning Platform with Generative AI |
| 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.

| **Template** | **EduTutor AI – Filled Example** |
| --- | --- |
| **I am** | a middle or high school student or a teacher in need of personalized, adaptive learning support. |
| **I'm trying to** | understand difficult academic concepts and generate relevant quizzes easily. |
| **but** | I lack access to personalized guidance, instant question sets, and concept-level support. |
| **because** | existing tools are either too generic, require manual effort, or aren’t tailored to my syllabus. |
| **which makes me feel** | frustrated, overwhelmed, and unsupported in my academic progress. |

**Example:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | A high school student | understand and practice academic concepts interactively | I don’t have a smart AI tutor or guided practice | current learning tools are not personalized or instant | frustrated, confused, and less confident |
| PS-2 | |  | | --- | |  |  |  | | --- | | A subject teacher | | generate quizzes and explain topics quickly to many students | I need to manually create questions and re-explain | traditional tools are slow, repetitive, and not role-aware | overwhelmed, time-constrained, and inefficient |