

Ideation Phase

Define the Problem Statements

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| Date | 12 February 2026 |
| Team ID | LTVIP2026TMIDS66080 |
| Project Name | TransLingua – AI-Powered Multi-Language Translator |
| Maximum Marks | 2 Marks |

Customer Problem Statement Template:

Many individuals such as students, business professionals, travelers, and researchers struggle to understand and communicate in different languages. Existing translation tools may be slow, inaccurate, or difficult to use, and some require complex installations.

Customers need a simple, fast, and reliable web-based solution that can translate text accurately using advanced AI technology. The system should be easy to access, user-friendly, and capable of providing real-time translations without technical complications.

This problem statement helps in understanding the customer's challenges and designing a solution that focuses on usability, speed, accuracy, and accessibility.

| | |
|----------------------------|---|
| I am | A student / professional / traveler • Frequently interacts with people who speak different languages |
| I'm trying to | Communicate effectively across multiple languages |
| but | I face language barriers and slow, inaccurate translation methods |
| because | Manual translation is time-consuming and unreliable |
| which makes me feel | Frustrated, confused, and unable to communicate efficiently |
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Reference: <https://miro.com/templates/customer-problem-statement/>

Example:



| Problem Statement (PS) | I am (Customer) | I'm trying to | But | Because | Which makes me feel |
|------------------------|------------------------------|---|---|--|---|
| PS-1 | I am a student | I'm trying to understand study material written in another language | But I cannot fully understand the content | Because I am not fluent in that language | Which makes me feel confused and stressed |
| PS-2 | I am a business professional | I'm trying to communicate with international clients | But language differences create misunderstandings | Because translation methods are slow or inaccurate | Which makes me feel frustrated and less confident |