

## Ideation Phase

### Define the Problem Statements

Date	10 February 2026
Team ID	LTVIP2026TMIDS65707
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.

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

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