

Ideation Phase

Problem Statement

Date	21 Feb 2026
Team ID	LTVIP2026TMIDS43213
Project Name	Translingua: ai-powered multi-language translator
Maximum Marks	2 Marks

Customer Problem Statement Template:

In today's globalized and digital world, people frequently interact across languages through education, travel, healthcare, business, and online platforms. However, language barriers still create misunderstandings, delays, and exclusion. Existing translation tools often struggle with accuracy, context, regional dialects, and real-time performance, especially in low-resource language.

I am (Customer)	I'm trying to	But	Which makes me feel
International Business Professional	Communicate effectively with foreign clients during meetings	I have limited knowledge of diverse languages and cultural context	Frustrated and misunderstood
Traveler	Communicate with locals beyond basic phrases in a foreign country	Translation apps are unreliable and slow in real time	Anxious and isolated
International Student	Understand lectures and academic content in a foreign language	Translations lack accuracy and subject-specific context	Confused and stressed
Healthcare Professional	Explain medical information to patients who speak different languages	Medical terms are often mistranslated	Worried about patient safety

Translingua aims to solve this problem by providing an AI-powered, context-aware, multilanguage translation system that supports text, voice, and document translation with high accuracy and cultural relevance.

ps	I am (Customer)	I'm trying to	But	Which makes me feel
PS-1	International Student	Understand lectures and study materials in a foreign language	Translations lack context and technical accuracy	Confused and stressed
PS-2	Traveler	Communicate with locals in real time	Voice translation is slow and inaccurate	Anxious and dependent
PS-3	Healthcare Worker	Explain medical information to patients	Medical terms are mistranslated	Worried about patient safety
PS-4	Business Professional	Communicate with global clients	Cultural tone is lost in translation	Frustrated and misunderstood

