1. Our AI chatbot bridges the communication gap by translating informal slang into standard English, making conversations clearer across generations, cultures, and professional settings. In terms of environment, TaalTech is designed with the South African context in mind, where diverse languages and regional slang are part of everyday communication. By localizing slang detection and translation, our solution promotes understanding and inclusivity in communities, schools, and workplaces.
2. The primary business objective of TaalTech is to improve communication clarity across diverse linguistic communities by translating slang into standard English. This supports inclusivity in education, customer service, and professional environments

**TaalTech will be considered successful if:**

* It accurately translates at least 90% of slang terms in real-time
* It achieves user satisfaction scores above 80% in usability testing

**Business Background**

South Africa’s rich linguistic diversity includes a wide range of regional slang that can create communication barriers in formal settings. TaalTech was conceived to address this gap by leveraging AI to decode informal language and promote clearer understanding.

1. **Problem definition**

In South Africa and many other regions, informal slang is deeply embedded in everyday communication—especially among youth. However, this creates a language barrier in formal settings such as education, customer service, and professional environments, where standard English is expected.

The problem is that slang often leads to misunderstandings, misinterpretations, and communication breakdowns, particularly between generations, across cultures, or in multilingual communities.

This issue is highly relevant to the theme of digital inclusion and linguistic accessibility, as it affects how people engage with institutions, services, and each other.

TaalTech addresses this problem by using AI to translate slang into standard English, making conversations clearer and more inclusive.