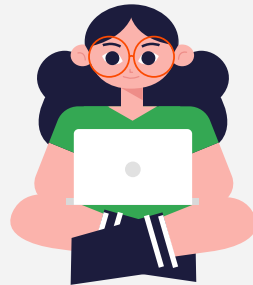


Pocket Translator



An Audio Translator Using Generative AI

Team 5





Stakeholders



Who are they?

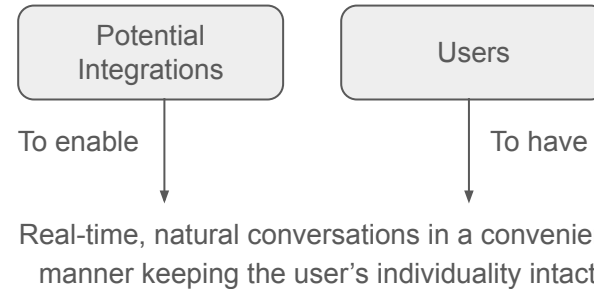
Potential integrations for the tool and its computing cloud:

- Language learning apps like Duolingo
- Search engines that offer translation services like Google

Users:

- People on vacation
- People on business trips
- People working with immigrant communities

What do they desire?



What drives their behavior?

- To ensure effective communication or learning
- For improved output through feedback

Value Flow Chart




1

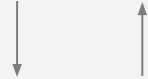
2

3

4

1. Cutting-edge Translation Technology
2. Continuous System Maintenance & enhancement
3. Seamless Integration Assistance
4. Strategic Market Edge


 **Pocket Translator Solution Architect**

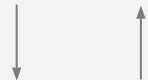


 **Investing Stakeholders**

1. Technology Licensing Revenue
2. Consumer Insights & Analytics
3. Established User Community & Brand Prestige

1. Next-Generation Translation Solutions
2. Barrier-Free Communication Channels
3. Tailored Personalized user Experience

 **End User**



1. Active Engagement
2. Insightful User Responses & Metrics



Logistic of the Product



M

T

W

T

F



Installation

Devices with audio input, like smartphones, cars, or computers



Data Collection

Videos/audios with talking, podcasts, or vocal music



Inferences

- Using audio and speech recognition using patterns of soundwaves
- Regurgitating/predicting patterns but with different words or phrases into other languages
 - Sound wave to sound wave parallels



Technical Feasibility

Description: Input style or lyrics and choose artist's voice or just a default male/female voice (Top 10)

Case: Uses current singers' voices and makes them sing some other song or type of song (Markiplier)



High Value - Low Risk example



High Value

- (B2C) 969 million tourists in 2022 while **Europe** is the most popular destination.
(Subscription)
- (B2B) Business integration: Online meeting Integration allowing live translation.
- Smooth the language barrier for travelers while encouraging others.

Low Risk

- Potential risks:
 - Unwritten Languages
 - Job replacement
- However, Considering 969 millions of international travelers each year, the risks are **acceptable as trade-offs**.

1

2

3

4