Lead Team Members

LAXMI TIWARI
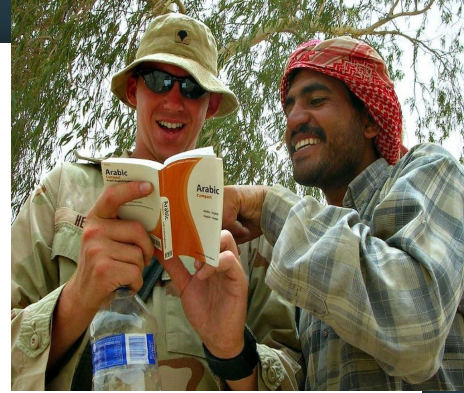Python Developer
& AI App Designer

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AI App Architect &
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Introduction

In out increasingly interconnected world, language barriers can often hinder seamless communication between travelers and locals. However, with the advent of travel apps, overcoming these obstacles has become easier than ever before.

By harnessing the power of technology, travel apps are revolutionizing the way we explore new destinations and empowering us to confidently navigate the foreign cultures.
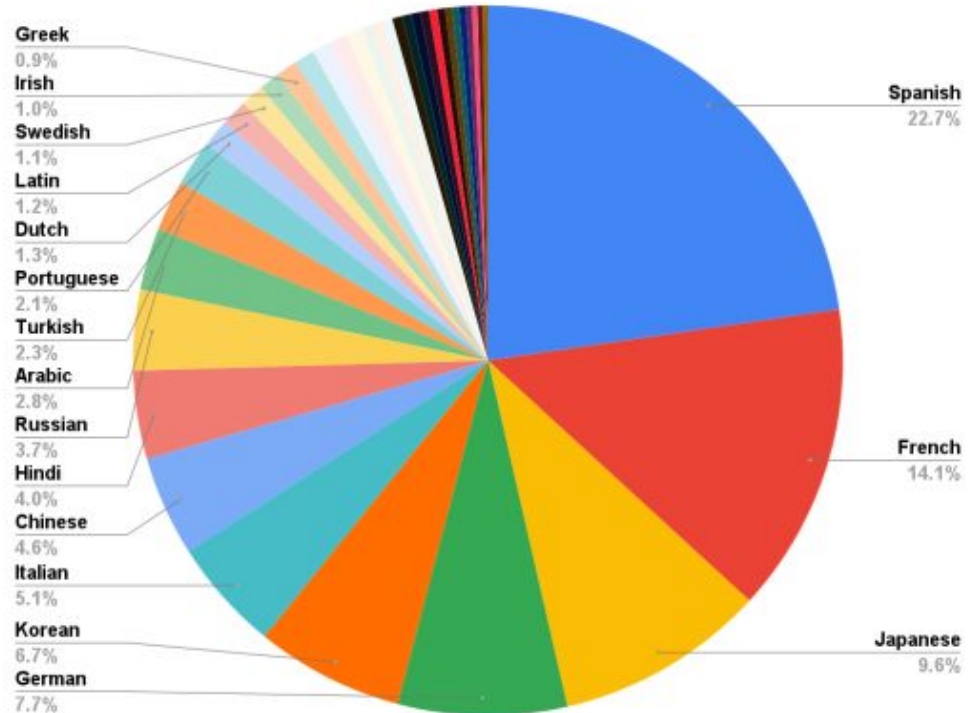
Problems

- Language barriers: Communicating in a foreign language can be challenging.

- Travel planning: Coordinating flights, accommodations, and activities can be overwhelming.

- Safety concerns: Ensuring personal safety in unfamiliar environments is a top priority.

- Responsible travel: Minimizing impact on local communities and ecosystems is important.

- Transportation and navigation: Navigating new cities and transportation can be challenging.

- Awareness: Travelers should be aware of these challenges and plan accordingly.

Supporting Facts

According to a 2019 survey by Booking.com , language barriers are the top travel concern for 38% of respondents. This is followed by safety and security concerns (28%), and transportation and navigation concerns (18%).

Duolingo Language learner distribution (English-native) u/Petriiified

Language	Percentage
Spanish	22.7%
French	14.1%
Japanese	9.6%
German	7.7%
Korean	6.7%
Italian	5.1%
Chinese	4.6%
Hindi	4.0%
Russian	3.7%
Arabic	2.8%
Turkish	2.3%
Portuguese	2.1%
Dutch	1.3%
Latin	1.2%
Swedish	1.1%
Irish	1.0%
Greek	0.9%

Importance

Real - time Translation

Cross- Cultural Exchange

Improved Travel Experience

Offline Service

```
143    response = co.generate(
144        model='c4ai-aya',
145        prompt='एक गणितिक चुने दिन के समय को प्रदान करने के लिए एक गैर-इलेक्ट्रॉनिक
146        max_tokens=3074,
147        temperature=0.9,
148        k=0,
149        stop_sequences=[],
150        return_likelihoods='NONE')
151    print('Prediction: {}'.format(response.generations[0].text))
152
```

```
# Process generated text with command-nightly model

response = co.generate(
    model='command-nightly',
    prompt=generated_text,
    max_tokens=1024,
    temperature=0.5
)

processed_text = response.generations[0].text
```

Our Solution

- A travel app serves as a powerful tool for breaking down language barriers, offering features such as real-time translation, language learning resources and offline functionality.

- Travellers can communicate effectively with locals, immerse themselves in the local culture, and have a more enriching and enjoyable travel experience.

🙏 Welcome to Ayappa 🚀

Learn a New Language With AYA - a state-of-art model and dataset of multilingual AI for 101 languages

Camera Input

⬆️

Drop Image Here
- or -
Click to Upload

File Upload

⬆️

Drop File Here
- or -
Click to Upload

Mic Input

🔴 Record   No microphone found

Text Input

| Clear | Submit |

Processed Text

Audio Output

🎵

Flag

Camera Input ✕

날짜를 저장

미국 결혼식에 참여하십시오

제이슨
& 이모티

10 월 21 일 오후 07:00

거리 이름 도시 이름, 주, 국가

식물학 호텔 & 카든

212 번가

File Upload

Processed Text

Audio Output ♫

♫

Flag

10 월 21 일 오후 07:00

거리 이름 도시 이름, 주, 국가

식물학 호텔 & 카든

212 번가

File Upload

⬆
Drop File Here
- or -
Click to Upload

Mic Input

🔴 Record

No microphon

Text Input

Trace the language in the invitation card. Please read out loud in the detected language first and then tran same in English, and then Hindi and Spanish. Process the output text in English at completion box.

Clear

Submit

Future Enhancements

Expanding language options

Destination-specific Culture Insight

Local Guide

Add Local Slang and Expressions