



By Coders Legion

Team Members



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Problem

Omitting important keywords







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Solution

1. Assist people in improving and practicing their speech

2. Provide analytics on where to improve

3. Reduce Stuttering







HOW WE MADE IT

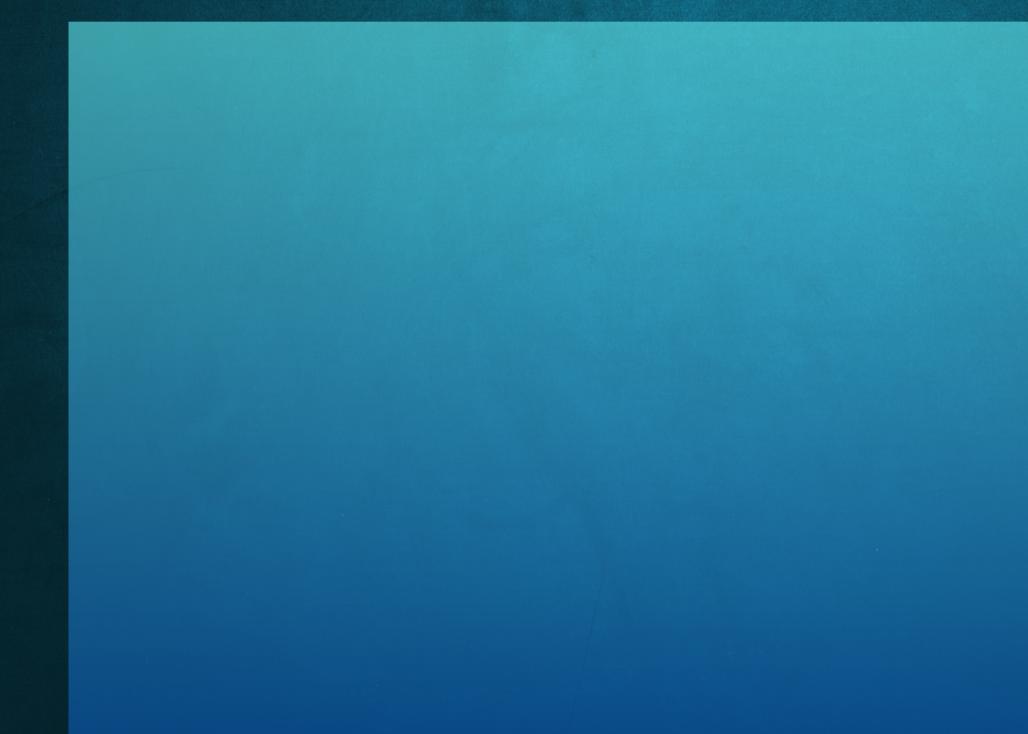
We has used the following tech stack:

<u>Pyplot</u> plotting graphs and more

<u>text-</u> <u>davincii-002</u> translating natural language to code <u>Whisper</u> speech recognition

<u>Wave</u> To read and write files in wave format <u>**Pyaudio</u>** To play & record audio</u>

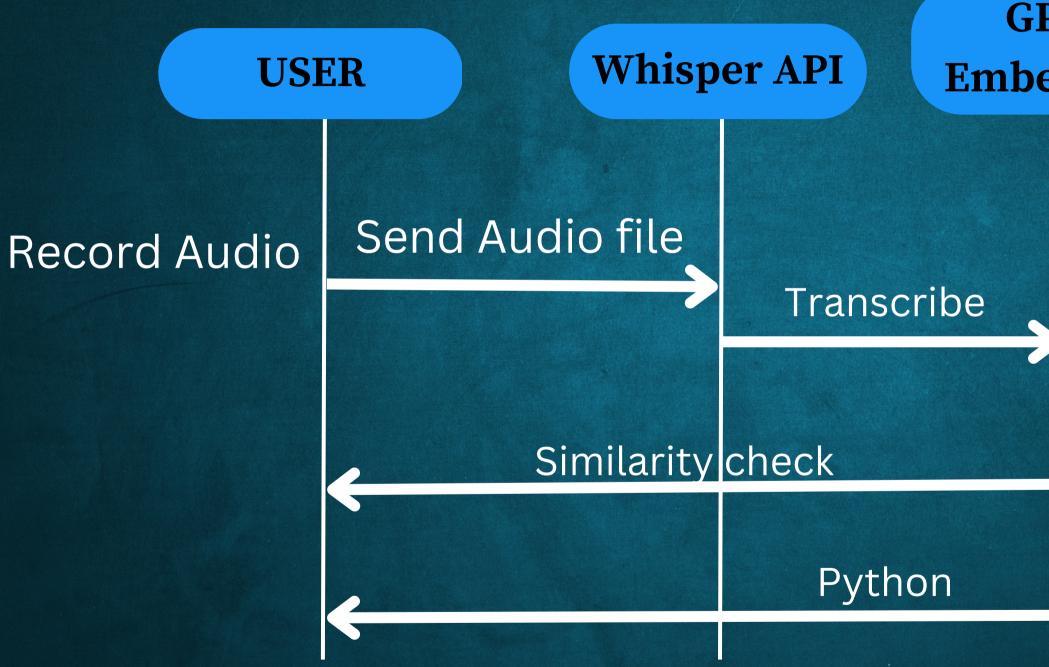
SOLUTION DEMO







METHODOLOGY



GPT3 Embedding

Frontend

send the

analysis

Streamlit



FUTURE WORKS

Increase the number of languages

Collab with academic scholars and speech scientists

> Create additional matrix to take into account sentence complexity, vocal tone, and pronounciation accuracy

Use ML models which recognize recurring trends in users' speech & tailor recommendations to meet their needs

