



TEAM NIGHT OWLS

NIGHT OWLS

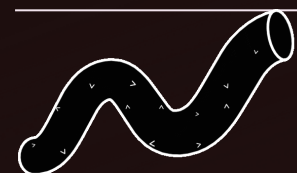
GLOBAL VOICE

build your
ai startup
hackathon
episode 2

31 MARCH - 7 APRIL



7-DAYS AI HACKATHON



GLOBAL VOICE

PROBLEM



Our software aims to solve the problem of communication barriers between people and organizations that speak different languages.

Language barriers can hinder effective communication, collaboration, and understanding, especially in a globalized world where businesses and NGOs work with people from diverse linguistic and cultural backgrounds.

Our software addresses this challenge by providing a reliable and efficient solution for translating videos, texts, and audio into different languages and dialects.

Example from our interviews: An NGO that works with migrants reported that a lot of health related issues stem from the fact that they are not able to access the information in their native tongue which often leads to complications.

SOLUTION

Goal: An app that extracts and converts video audio to text and replaces it with audio in preferred languages/dialects.

Our solution is a software platform that leverages the latest technologies in natural language processing and machine learning to translate videos, texts, and audio into different languages and dialects. The software is easy to use and will see more features such as translation customization, real-time translation, and API integration in the future.

By using our software, NGOs and multinational corporate organizations can break down language barriers and enhance communication, collaboration, and understanding among their stakeholders.



MEET TEAM NIGHT OWLS



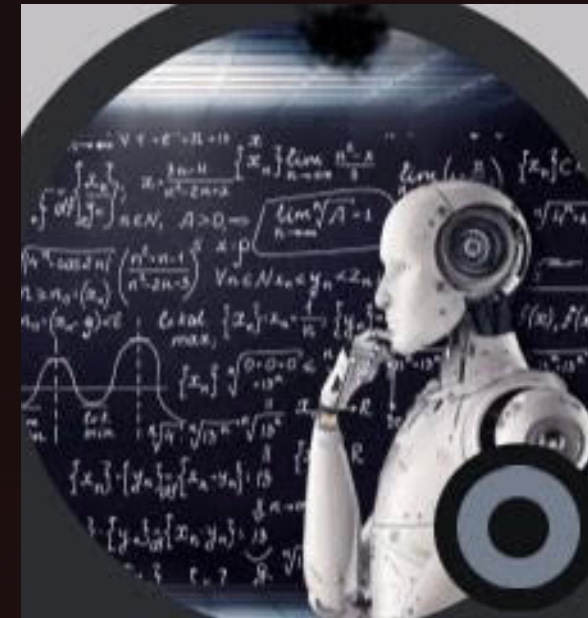
ALI RAZA

Full stack web
developer



Christian

Business
Management



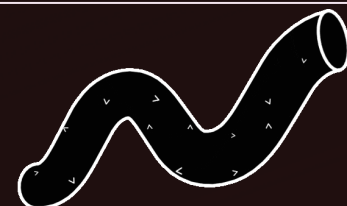
Abdulrahman

AI Engineer



Mariam

Data Scientist



INSPIRATION & USE CASE



TEAM NIGHT OWLS

The inspiration behind our product, Global Voice, is to bridge the language barrier gap that exists in the multinational environment and especially in communication with marginalized communities.

As an international group, we have witnessed that sometimes information does not reach its intended audience as it is presented in someone's second or third language. This can result in miscommunication, misunderstanding, and exclusion of individuals or groups from important information and opportunities.

We believe that language should not be a barrier to effective communication and access to information, and our product aims to provide a solution to this problem.

USE CASE: NGO

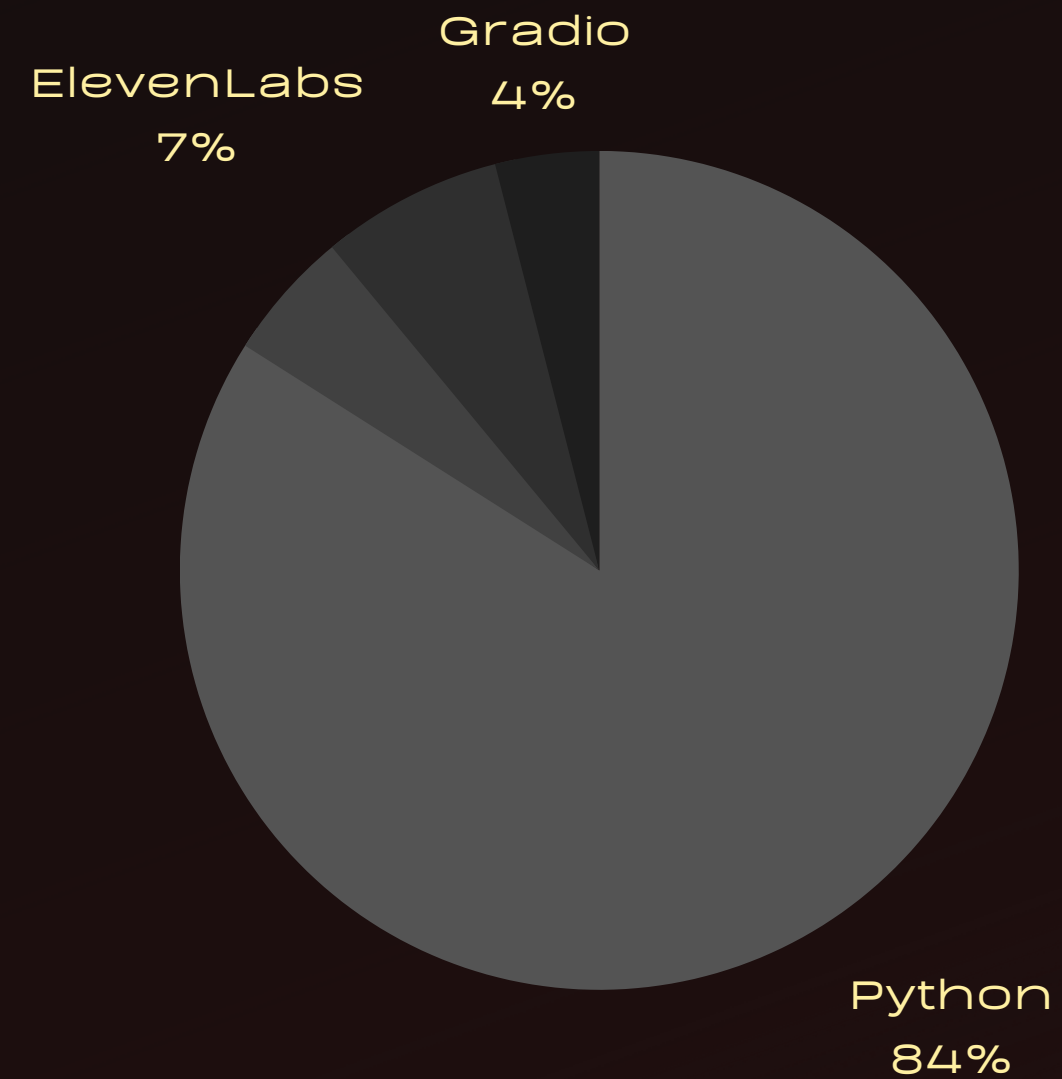
An example use case for our product for NGOs is in disaster relief situations, where effective communication is essential to providing aid and support to affected communities.

In such situations, NGOs often struggle to communicate with the affected communities due to language barriers, such as the recent earthquake between Turkey and Syria where the information was needed in Turkish, Syrian Arabic, Kurdish & potentially other languages.

Our product can help NGOs quickly translate critical information into local languages and dialects, thereby enabling them to communicate more effectively and provide essential aid and support to those in need.



TECHNICAL DETAILS

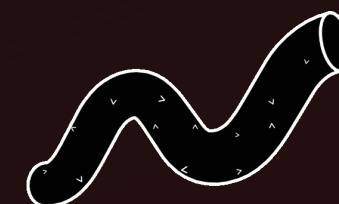


List of Technologies used

1. OpenAI Whisper
2. OpenAI GPT-3
3. ElevenLabs Speech Synthesis
4. Gradio

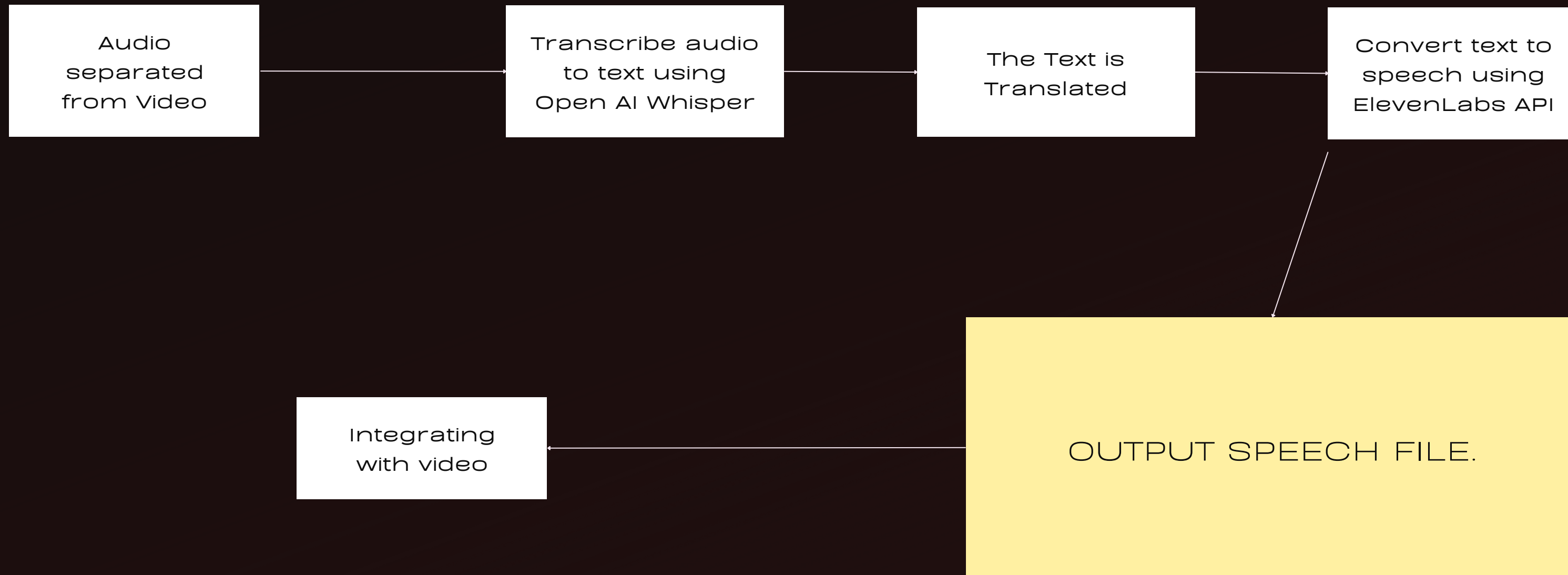
We firstly asked the user to select a video from youtube or upload there own for which they need the audio upon and then with the help of OpenAI Whisper API (ASR) - automated speech recognition system extracted the audio from the video.

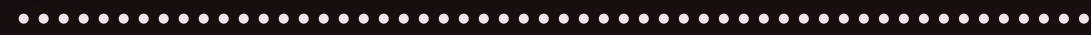
Then we used the OpenAi - GPT 3 api we converted the audio into text for translation if the user selected the translation option or not and otherwise its by default in English. Lastly with the help of ElevenLabs Speech Synthesis we made the system more human like.



TECHNICAL DETAILS

WORKFLOW





Your Conversion Buddy

Global Voice lets you convert from one language to another in real time. Whether you want to convert an audio into another language or just listen to your own recording, Global Voice has got you covered.



Let's Translate



Let's Go



PRODUCT DEMO URL: [HTTPS://AUDIO-SWITCH.NETLIFY.APP/](https://audio-switch.netlify.app/)



BUSINESS MODEL



We will finance our platform by offering our translation services to our customers, specifically NGOs and multinational corporations, through a subscription-based model or yearly license.

'What pricing model will you use? Our pricing model will be based on the amount of translation time needed per month, with a starting price of \$30 USD per month. This will provide customers with access to our software and all its features. Additional pricing will be available based on the amount of minutes/translation needed monthly.

GO-TO-MARKET

Our go-to-market strategy involves reaching out to multiple NGOs and offering them the opportunity to try out our tool. By running a pilot project with these organizations, we aim to gather feedback and make necessary improvements to our software.

After the pilot project, we plan to launch our product to a wider audience of NGOs and multinational corporations through targeted outreach and partnerships with relevant organizations.

We will prioritize building relationships with our clients and rely on their word-of-mouth marketing to expand our customer base.





WE ARE CURRENTLY LOOKING
FOR PILOT PARTNER
ORGANISATIONS FACING THESE
CHALLENGES.

THANKS FOR YOUR FEEDBACK

