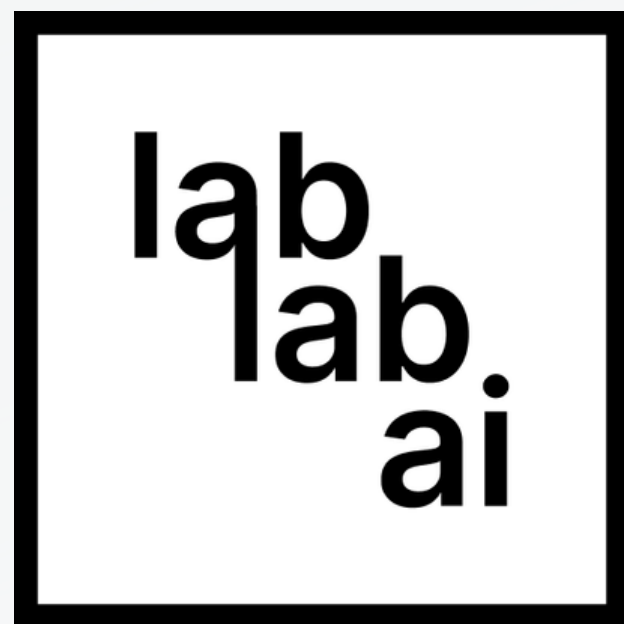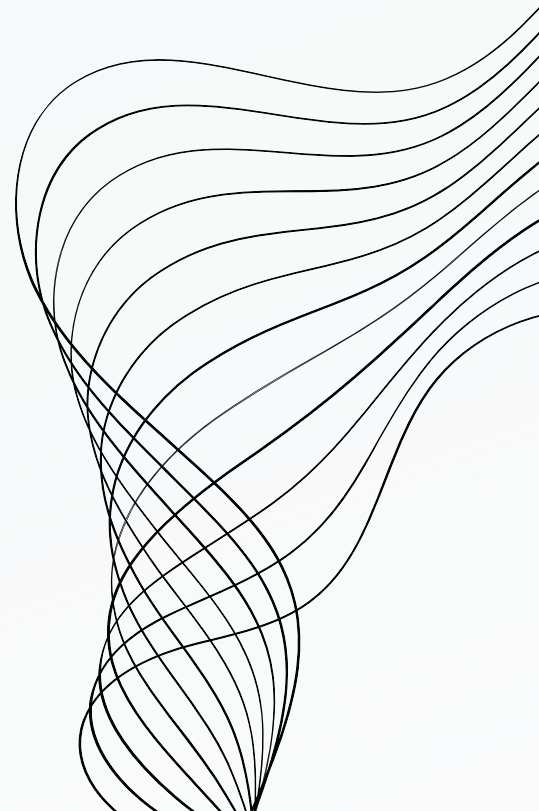# Multi Voice

Your Gateway to Personalized Dubbed Entertainment
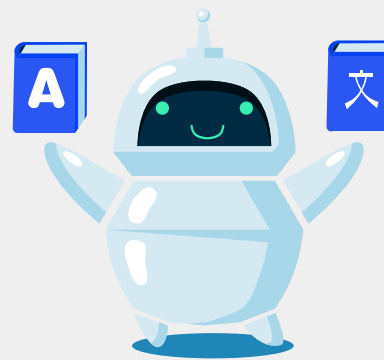
lab lab ai

ElevenLabs

INTRODUCTION

Multivoice is an innovative project that aims to revolutionize foreign-language entertainment.

Language differences often hinder the immersive experience of foreign-language movies and TV shows.

Multivoice offers a groundbreaking solution by providing personalized dubbed versions for each user, ensuring an enjoyable and accessible viewing experience.

HOW IT WORKS

Dialogues Preprocessing

The uploaded JSON file is preprocessed to extract user dialogues and convert them into a structured format. This optimized JSON format specifies user names, dialogue text, and corresponding timestamps.

Audio Extraction

Multivoice automatically analyzes the uploaded MP3 audio file and identifies occurrences of each user's dialogues based on the JSON file structure. Individual user audio segments are then extracted and merged into separate audio files.

Voice Cloning

Leveraging ElevenLabs' advanced voice cloning technology, Multivoice creates personalized voice models for each user. The extracted user audio files are sent to ElevenLabs to clone their unique speech characteristics.
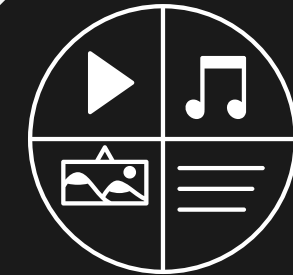
HOW IT WORKS

Translation

Multivoice offers translation services using the OpenAI API. Using json file, users can translate into their preferred language. This ensures that the dubbed versions are not only personalized but also in the language of the user's choice.

Audio Replacement

Multivoice combines dubbed dialogues with original audio, replacing specific timestamps with cloned user voices from ElevenLabs, preserving the rest of the audio.

Rendering Video

Multivoice renders the final audio files for video mixing to enjoy foreign-language movies and TV shows with personalized dubbing that feels native and immersive.

FUTURE PLANS

Through these strategic enhancements and solutions, Multivoice aims to overcome existing limitations and further revolutionize the world of entertainment. By delivering flawless and multilingual dubbed versions, Multivoice seeks to contribute to the global growth of the entertainment industry and bring foreign-language content to a diverse and vast audience.

To maintain accuracy and fidelity during voice cloning, Multivoice will introduce cautionary prompts in the input JSON file.

Multivoice is committed to improving the final audio output by addressing discontinuity issues.

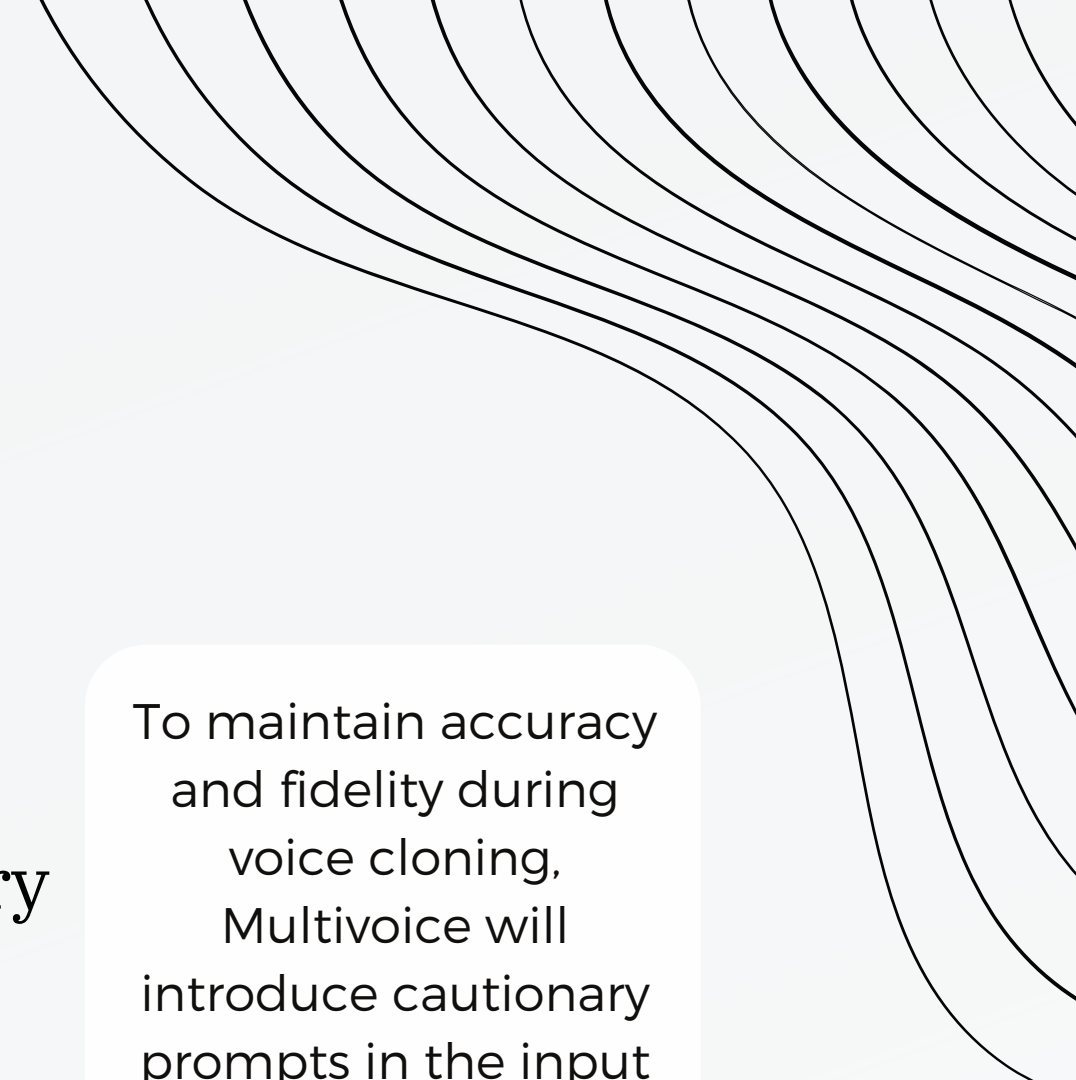To avoid discrepancies in audio speed, Multivoice will work on refining the audio rendering process.

Adapting the voice rendering based on the context provided in the input JSON file.

Cautionary Prompts

Seamless Audio Continuity

Dynamic Voice Cloning

Enhanced Audio Rendering

BUSINESS VALUE

Mission

- **Enhanced User Experience:** To provide an immersive and captivating entertainment experience through personalized dubbed versions, breaking language barriers, and ensuring seamless enjoyment for each user.
- **Innovation in Entertainment**: We strive to revolutionize the industry with cutting-edge voice cloning and dynamic rendering, setting new standards for multilingual dubbing and enhancing the way content is consumed.

- **Global Accessibility:** Our vision is to make foreign-language content accessible worldwide, empowering content providers and OTT platforms to expand their reach and tap into new markets effortlessly.

- **Seamless Integration:** We envision a future of seamless integration, where dubbed dialogues blend flawlessly with original video content, elevating the user experience and optimizing localization processes.

Vision

THANK YOU!

If you have any questions or would like to know more or contribute, please feel free to reach out to me.