Retriever AI

Team Spiller

01

Purpose

Why Did We Build Retriever AI?

A Natural Language Windows Operating System Interface

We made an application that allows users to access certain elements of the Windows Operating System with natural language. We made Retriever AI to allow those that are blind or visually impaired to

- Read, Write, and Reply to Emails
- Browse the Web
- Manage File Explorer and Settings

So that everyone can access the digital world.

What Makes Us Different?

We are the first market solution that implements some of the latest technology in the AI space such as ElevenLabs' Speech Synthesis and OpenAI's Whisper to make the most human experience possible.

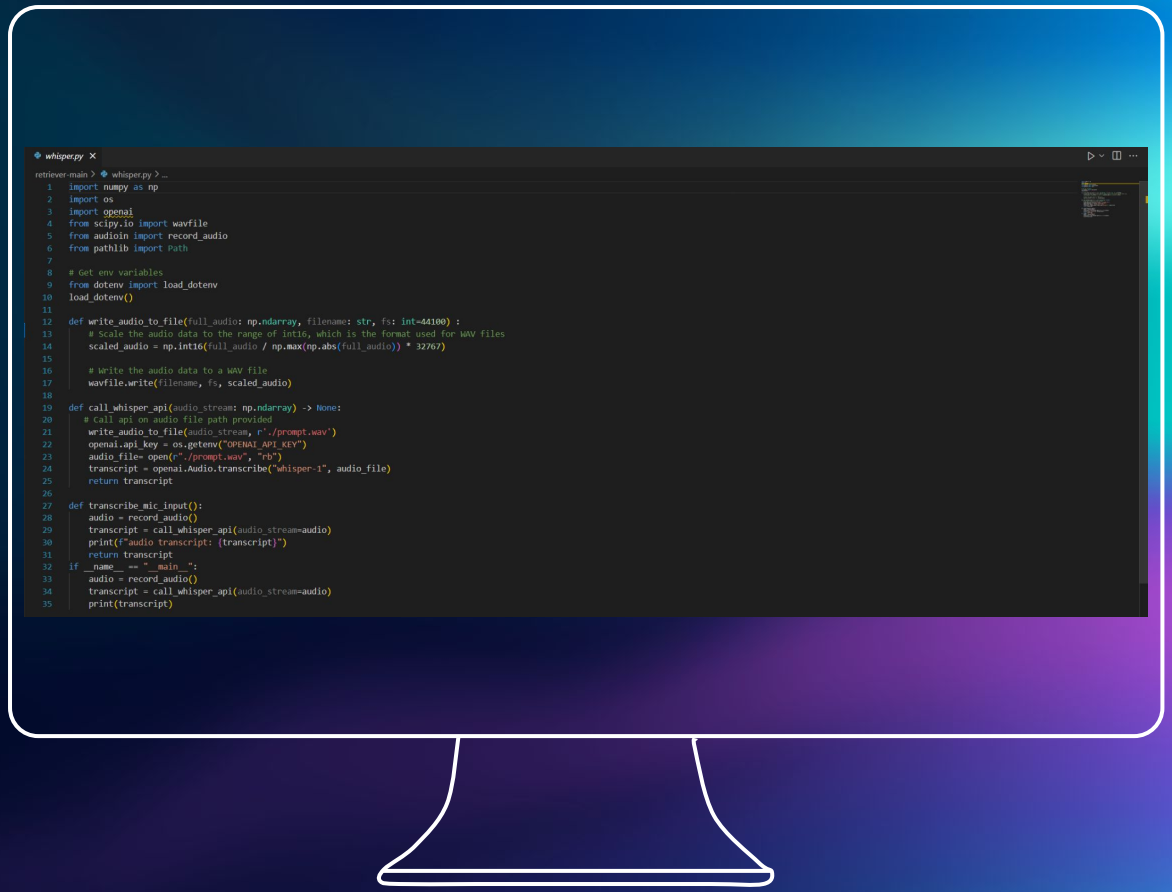
02

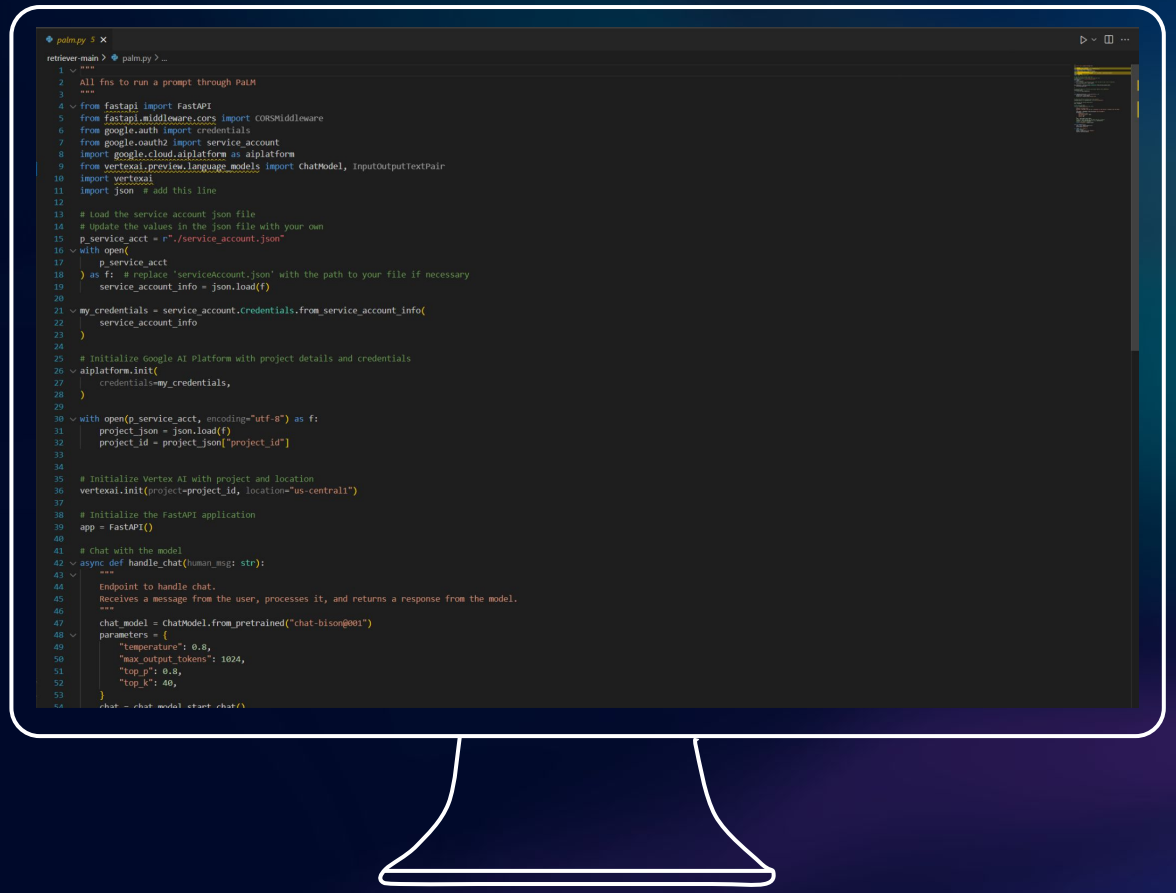
Function

How Does Retriever AI Work?

OpenAI's Whisper

We use OpenAI's latest speech to text model to gather auditory input from the user.



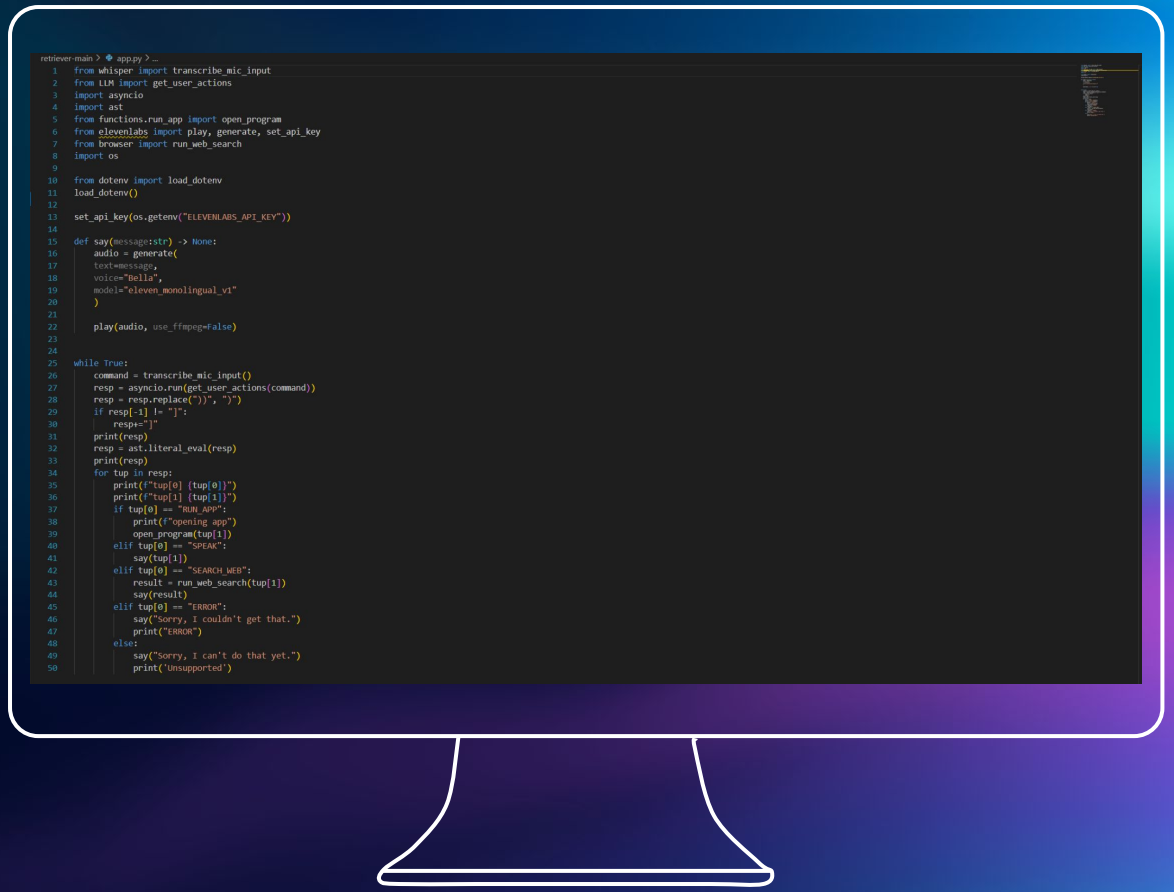


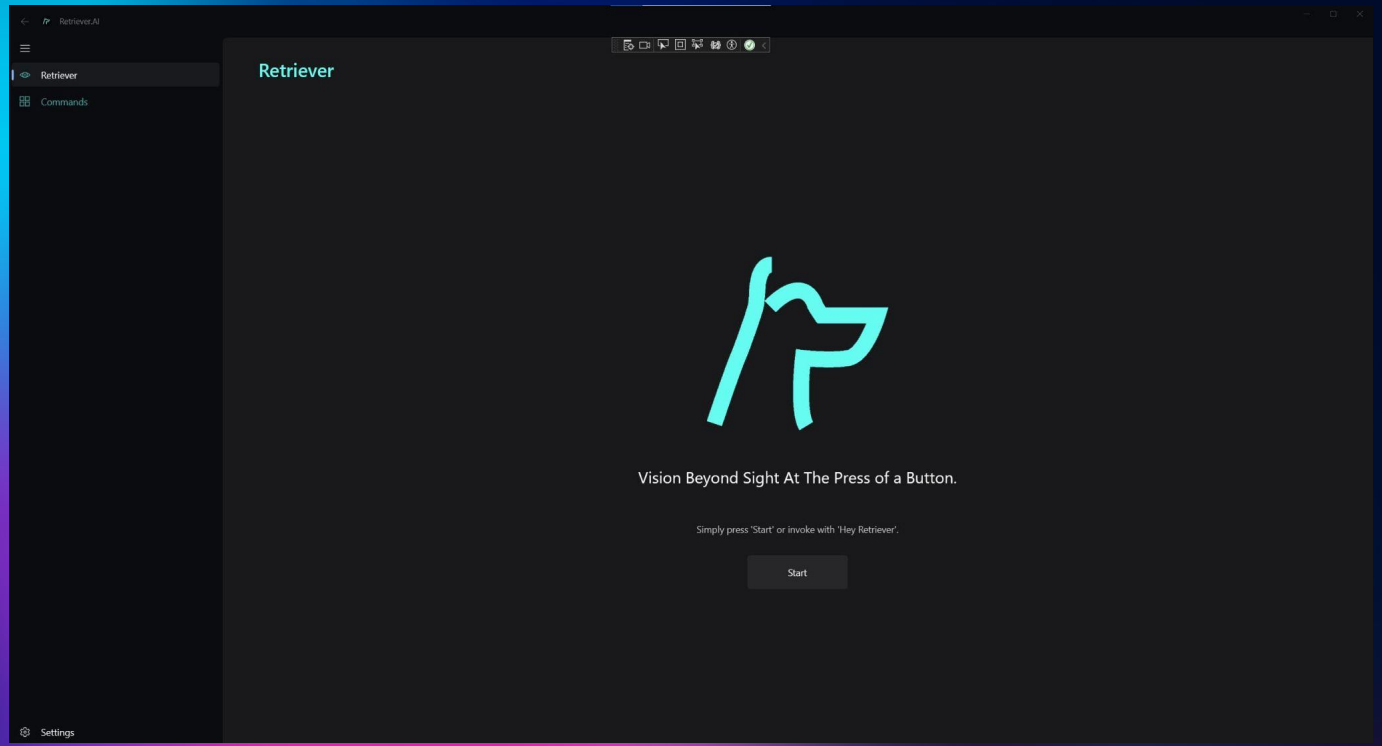
Google's PaLM2

We use Google's PaLM2 LLM to process that data into information our Python scripts and functions can understand.

ElevenLabs' Speech Synthesis

Finally, we use ElevenLabs' latest AI Speech Synthesis models in order to read back output to the end user.





Demo

Here's how it works: Users press Start and continue prompting Retriever to do certain tasks until they hit Stop.

Thanks!

A lot of effort went into this project, and if you have any feedback, please feel free to reach out at any of the following below:

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