

GPT-AI Assistant with Voice

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INTRO



GPT-Powered

- Goes beyond Alexa and Siri with advanced GPT models, delivering more natural and versatile conversations.



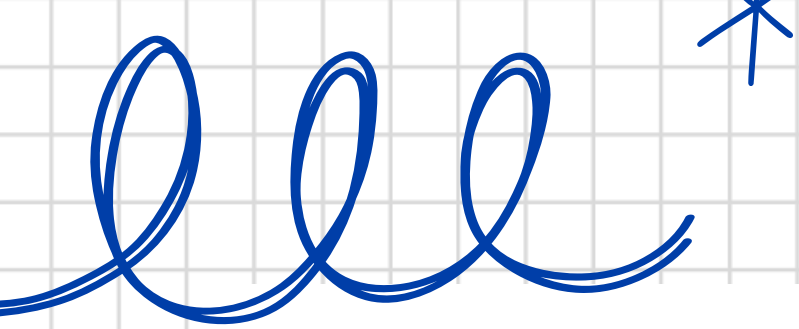
Real-time Speech

- Offers instant, accurate replies with cutting-edge technology, ensuring a smooth conversation flow.



"Hey Computer"

- Start interactions with "Hey Computer," customizing your experience for a responsive tech companion.



Tech Stack

Python Core programming language.

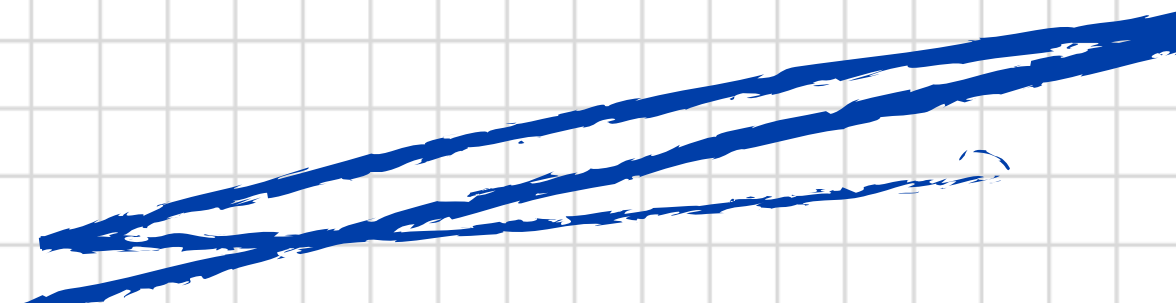
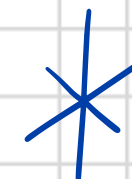
OpenAI API Natural language processing and generation.

Whisper Speech recognition.

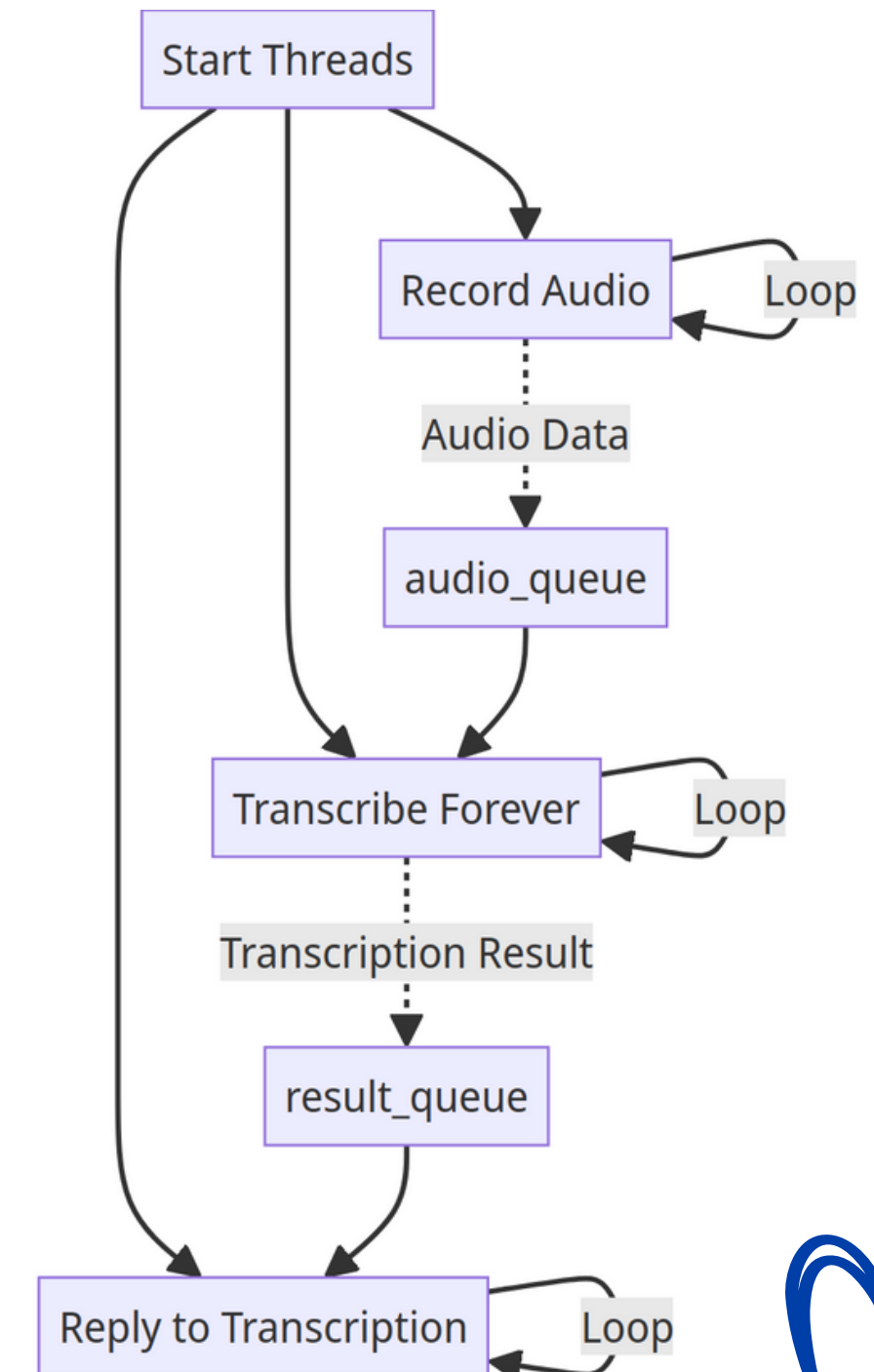
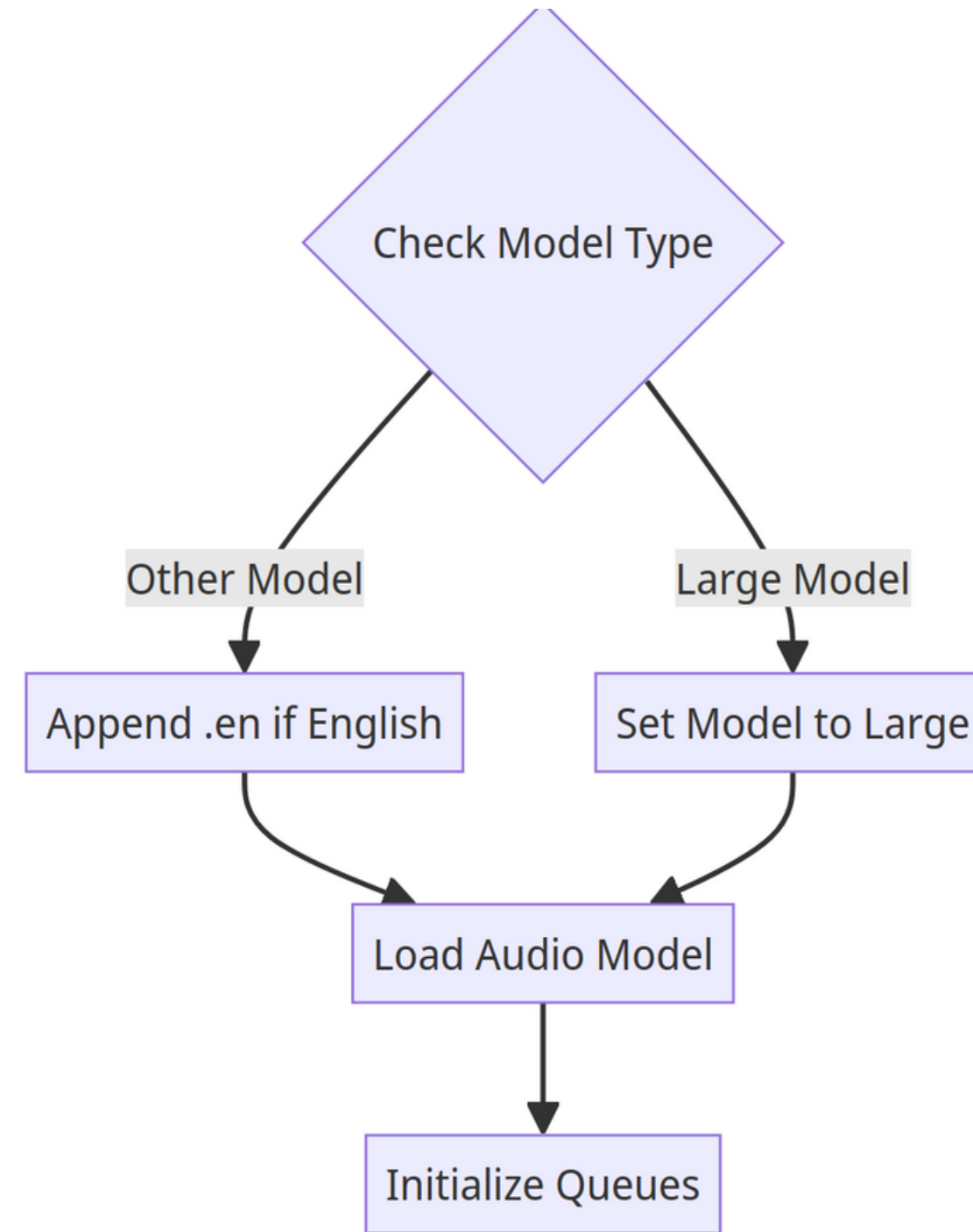
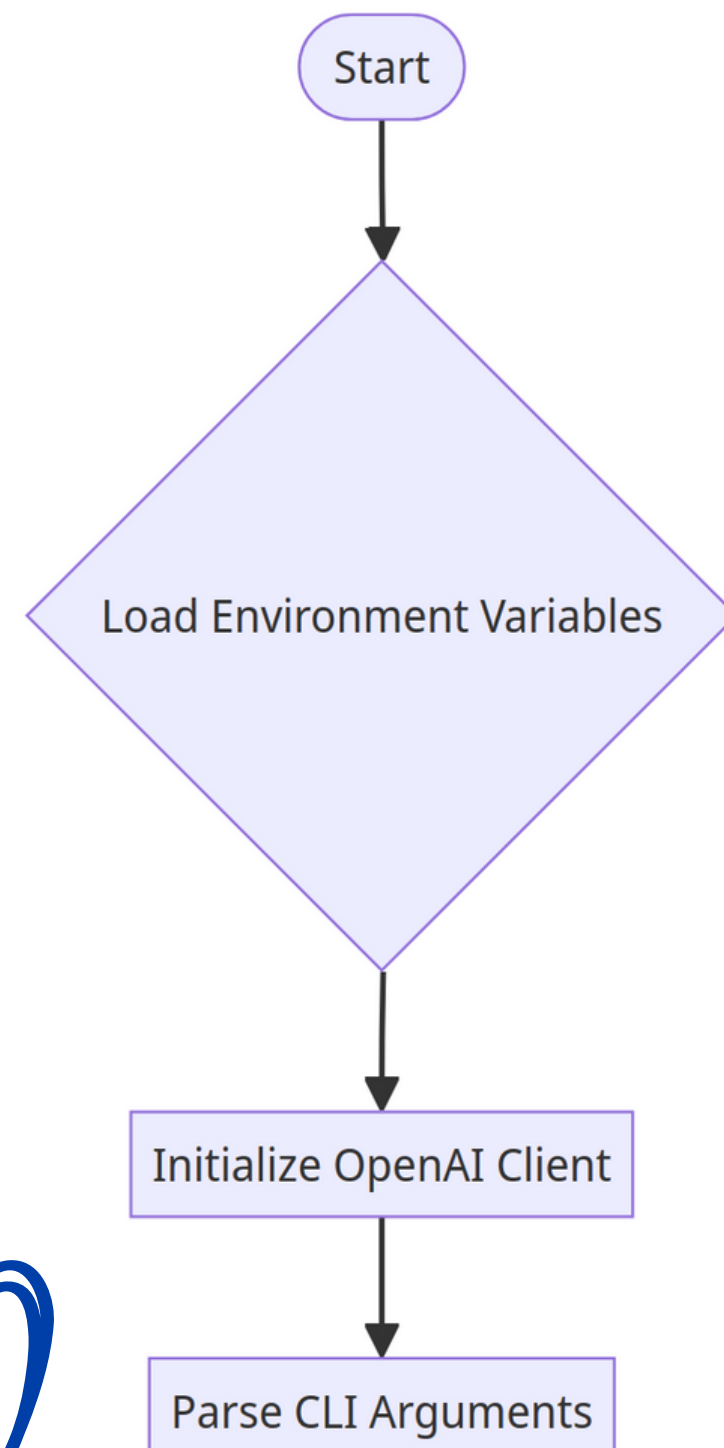
Google TTS Text-to-speech conversion.

Pydub Audio Manipulation.

Threading & Queue Concurrent execution and inter-thread communication.



Back-end Explained





Future Enhancements



Voice Customization

- Enable users to personalize their experience by choosing from a variety of voices provided by OpenAI's TTS technology.



Smart Home Integration

- Transform the assistant into a control hub for managing smart home devices via voice commands.



Digital Calendar Synchronization

- Allow users to manage their schedules and set reminders by connecting the assistant with digital calendars like Google Calendar and Apple Calendar.



Contact Info



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