**MyGuyAssistantAPI Documentation**

**Introduction**

MyGuyAssistantAPI is a Python-based API for a voice-activated assistant using the "my guy open me" wake word. It allows users to interact with their computer through voice commands, such as opening applications and performing basic tasks.

**Endpoints**

**Wake Word Detection**

**POST /api/wakeword**: Initiates the wake word detection process. Upon successful detection of the wake word, the assistant becomes active and ready to receive voice commands.

**Functionality**

**Wake Word Detection**: Uses the Porcupine wake word engine to detect the "my guy open me" wake word.

**Voice Command Recognition**: Recognizes voice commands after the wake word is detected and triggers corresponding actions, such as opening applications.

**Application Integration:** Supports integration with various applications, including Calculator, Notepad, Browser, File Explorer, Command Prompt, and Visual Studio Code.

**Usage**

**1. Start the Flask App**: Run the MyGuyAssistantAPI Flask app using the provided `myguy.py` script.

**2. Send POST Request**: Send a POST request to the `/api/wakeword` endpoint to initiate wake word detection.

**3. Interact with Assistant**: Once the wake word is detected, follow the prompts to interact with the assistant using voice commands.

**Example**

curl -X POST http://localhost:5000/api/wakeword

**Dependencies**

- Python 3.x

- Flask

- PyAudio

- SpeechRecognition

- pyttsx3

- pvporcupine