Voice-Controlled YouTube Player

# 1. Project Overview

This project is a Python-based application that allows users to control YouTube playback using voice commands. It uses `speech\_recognition` to capture voice input, `pyttsx3` for text-to-speech feedback, and `pywhatkit` to interact with YouTube.

# 2. Features

- Voice Command Recognition: Captures voice commands using a microphone.  
- Text-to-Speech: Provides audio feedback to the user.  
- YouTube Integration: Plays requested videos on YouTube.

# 3. Prerequisites

Ensure you have the following installed on your machine:  
- Python 3.x  
- Microphone for capturing voice input  
- Required Python libraries:

pip install speechrecognition pyttsx3 pywhatkit

# 4. Project Setup

Step 1: Clone the Repository

git clone https://github.com/Kolli1999/Voice-Controlled-Youtube-Player.git

Step 2: Navigate to the Project Directory

cd Voice-Controlled-Youtube-Player

Step 3: Install the Required Libraries

pip install speechrecognition pyttsx3 pywhatkit

# 5. How to Run the Project

Step 1: Ensure your microphone is connected.

Step 2: Run the script.

python main.py

Step 3: Speak the command, starting with 'Kolli' followed by your request. For example:  
- Command: 'Kolli, play Shape of You'  
- Response: 'Playing Shape of You'

# 6. Error Handling

If the voice command is not recognized, the application will prompt an error message and wait for a new command.

# 7. License

This project is licensed under the MIT License.