

Quick User Guide for AI Assistant:

Introduction:

This AI assistant uses voice commands to perform tasks like opening websites, telling the time, and playing YouTube videos. It is built using Python and leverages text-to-speech (TTS) and speech recognition libraries.

System Requirements:

- **Python Version:** 3.6 or higher
 - **Internet Connection:** For web browsing and YouTube
 - **Microphone:** Required for voice input
 - **Required Python Libraries:**
 - pyttsx3
 - speech_recognition
 - pywhatkit
 - Webbrowser
 - Pywhatkit
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Installation

1. **Install Python:** Download from python.org.
 2. **Run the Script:**
 - Open the terminal or command prompt in the project folder.
 - Run `python ai_assistant.py`.
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Using the Assistant

1. **Start the Assistant:** Run the script. The assistant will begin listening for commands.
2. **Give Voice Commands:**
 - **"Hello":** Greets the user.

- **"Time"**: Tells the current time.
- **"Date"**: Tells today's date.
- **"Open Google" / "Open YouTube" / "Open Facebook" / "Open Instagram" / "Open GitHub"**: Opens the specified website.
- **"Play [video name] on YouTube"**: Plays the specified video on YouTube.
- **"Stop"**: Stops the assistant.

3. **Stop the Assistant**: Say "Stop" to exit.

Troubleshooting

- **Microphone Issues**: Ensure it's connected and set as the default input device.
- **Recognition Errors**: Speak clearly and ensure there is minimal background noise.
- **Library missing error**: Ensure that all the mentioned libraries are installed

Conclusion

Your AI Assistant is now ready to use! Just speak a command, and the assistant will perform the task for you.