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Introduction

An A.I. Virtual Desktop Assistant or Digital Bot, known as **A.I.M.**, is an application program that understands natural language voice commands and completes tasks for the user via., using speech-to-text recognition, text-to-voice recognition, etc.

Purpose & Applications

A.I.M. is capable to automate the daily O.S. tasks. just by interacting with your laptop's microphone. The response generated by **A.I.M.** will display on the console via speaker. It can launch Applications, send an E-mail, play music, tells you date and time, greetings, tells about everything you ask, you just name it.

We all know what is Virtual Assistant. If you don't, don't worry, open your mobile and say "Ok Google" or "Hey Siri". Well, Google Assistant, Siri, Alexa all these are example of Virtual Assistant.

Features

The Functionalities are cleared by the methods name:-

- 1. mic_input()**
- 2. text2speech()**
- 3. shutdown()**
- 4. website_opener()**
- 5. send_mail()**
- 6. tell_me_date()**
- 7. tell_me_time()**
- 8. launch_any_app()**
- 9. weather()**
- 10. news()**
- 11. tell_me()**
- 12. play_music()**
- 13. virtual_mouse()**
- 14. wish_me()**

Requirements

Hardware Requirements:

- Intel i3 or AMD r3 processor (i5 or r5 recommended)
- Compatible microphone/speakers for efficient I/O.
- 4 G.B. Ram or above .

Software Requirements:

- Windows 7 or above
- Python (Version - 3.6 or >3.6)
- An IDE , (Visual Studio Code recommended)

Non-Functional Requirements:

- Operation - To Leverage the functionalities.
- Revision - To change the system or data that drives the system.
- Transition - To manage the upkeep of the system.