PYTHON MINI PROJECT

**VOICE ASSISTANT** (named as (CINDRELLA))

ABSTRACT:-

The project Devloped is Based upon AI and ML Voice Assistant like Alexa, By using Python Modules. The purpose of my project was It could able to Send Whats app Message, Play Audio Tracks Performs Search operation in websites, tracks location, Play songs from Spotify Library and Tracks Weather Conditions based on Geographical Locations etc.

**ADVANTAGES OF VOICE ASSISTANT:-**

* It can capture speech much faster than you can type.
* You can use text-to-speech in real-time.
* The software can spell the same ability as any other writing tool.
* Helps those who have problems with speech or sight.
* Makes playlist based on user commands in sec
* Most Accurate Results in web search
* Tracks weather based on any Geographical location.
* High Accuracy in Listening.
* Performs Human Interactions.

**MODULES USED:**

Speech\_recognition   
 pyttsx3  
Pywhatkit  
Datetime  
Pyjokes  
Wikipedia  
Datetime  
Geopy

Nominatim  
o s  
PS util  
Beautiful Soup  
requests

**SOFTWARE REQUIREMENTS:-**

Back End:-PYTHON

Front End:-HTML

**SYSTEM REQUIREMENTS:-**

**RAM:-** 4 GB **(DDR)**

**Processor:-** I series **(i2,i3,i5,i7)**

**Hard Disk:-** 500 **GB**

**Monitor:-** 19.5 **inch**

**Note:-** No GPU Required only CPU

**WORKING PURPOSE**

Visit Github Repository :- <https://github.com/codecrusher123/CindrellaVoiceAssistant>

**Source Code:-**

<https://github.com/codecrusher123/CindrellaVoiceAssistant/blob/main/code>

**CONGIGURATION:-**

Use ide like pycharm or vscode

For interpreter Python 3.6 must be configured.

**Cloning Purpose:-**

$ git clone <https://github.com/codecrusher123/CindrellaVoiceAssistant12.git>

**Footages:-**

