

# **ARTIFICIAL INTELLIGENCE PROJECT**

***Mr.CLIB a Command Line interface bot***

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# **INTRODUCTION**

“Our intelligence is what makes us human, and AI is an extension of that quality.”

## **AIM**

The major aim of the project is to create an intelligent system which resembles with a system user services i.e. a program which can have a conversation with the user of the system similar to what a human can do.

## **MOTIVATION**

In today's world the people want to do many tasks at the same time so for the basic world like playing music and open youtube all things should be done by voice command only which will make life more simple and user can concentrate in his or her work.

## **OBJECTIVES**

- The program should be able to greet the user properly when starting a conversation.
- The program should produce appropriate responses for the queries.
- The program should be able to understand the queries of the user.

- If the program cannot answer the question properly, it should apologise for the same and inform the user about it.

## **SCOPE**

The programme can use by all the desktop user which will make the work easy and simple.

It will promote the use of nlp in future and make the future bright.

Have the ability to make the user feel like there is friend with him who will support him all time in his work.

my be in future he can remember the dates and important days of your life and greet you on that day with good suggestion of hotel and resort according to you bank balance.

## **ABSTRACT**

From the start of human civilisation, communication has been the most vital action that has contributed in the development of humanity. As technology is enhancing with every passing second, the number of companies and their users are increasing in proportion. The companies spend a lot of money on maintain the proper interactive environment with their user. Today we need a system which can help the user like his friend and make his work easy to do and make the work fluent too . The future is near we have change the way we use our system right now and make the system which do thing fast and easy like noting in the universe.

# **Related Work(Existing Work Analysis)**

In today's time there are systems which can do all stuff for example like Cortana, Siri.

They are doing good query and really solve all of your problem, but these systems are based on power saving too.

That's why they don't listen in background and make your daily talk safe.

## **Implementation**

- The bot that is created in this project for automated solve little problem.
- The speaking function of the Clib is created using the pyttsx3 library.
- The voice that is used for the bot is already provided by Microsoft in Windows 10.
- Mr. Clib greets the user and provides the user a chance to greet user.
- User tells about the task.
- And as soon as the user give task, it prints the related answer and perform the particular task.
- The user is again asked if need more help if the user give him close command then it will close it self.

## **Code Snippet**

(Since the code is of this is too big so it might take up unnecessary space, that's why please check in the github link at the end of file)

## OUTPUT

```
webbrowser.open_new_tab("www.google.com")
continue
if 'Youtube' in a or 'youtube' in a:
    webbrowser.open_new_tab("www.youtube.com")
    continue
if 'WhatsApp' in a:
    webbrowser.open_new_tab("www.whatsapp.com")
    continue
if 'song' in a or 'Song' in a:
    webbrowser.open_new_tab("www.gaana.com")
    continue
if 'close' in a or 'Close' in a:
    say('thanks for using Clib AI')
    break

speak("related result not found")
```

Clib : Good Afternoon! I am Clib.  
Clib : I request you to answer using the keywords I use in the question, so I can help you better  
Listening...  
Recognizing....  
User : what is the time  
Listening...  
Recognizing....  
User : what is the date  
Listening...  
Recognizing....  
User : open YouTube  
Listening...  
Recognizing....  
User : YouTube  
Listening...  
Recognizing....  
User : Google  
Listening...

## LIBRARIES USED

- PYTTX3 (FOR THE SPEAK FUNCTION)
- SPEECH RECOGNISER (FOR GETTING AUDIO INPUT FROM USER AND CONVERTING IT INTO TEXT)
- DATE TIME (FOR GETTING THE DATE TIME)
- WEB BROWSER (FOR OPENING RELATED WEBPAGE)
- OS(for using the C.L.I)

# REFERENCES

- <https://chatbotslife.com/how-to-create-an-intelligent-chatbot-in-python-c655eb39d6b1>
- <https://www.youtube.com/watch?v=QpMsTOWulul&list=LLsDlc3JINct-nNkC3L0gg3A&index=2&t=0s>  
( A video that describes the code for creating a basic chatbot)

# GITHUB LINK

<https://github.com/11801730/Mr.CLIB>

