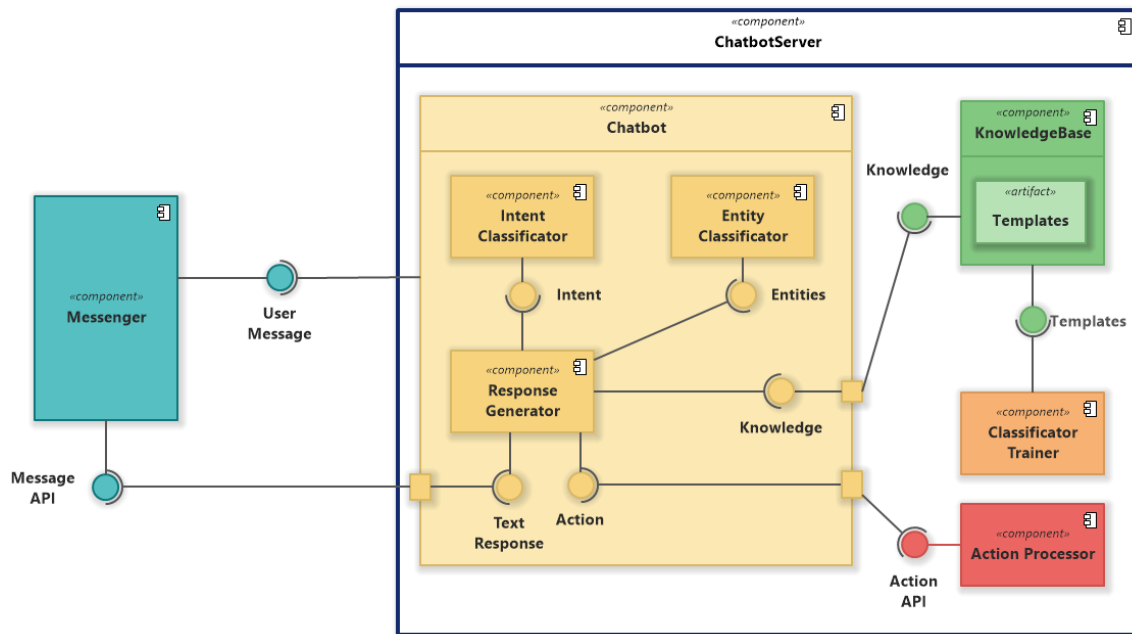# CHAT BOT Project :

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ChatterBot is a machine-learning based conversational dialog engine build in Python which makes it possible to generate responses based on collections of known conversations. The language independent design of ChatterBot allows it to be trained to speak any language.
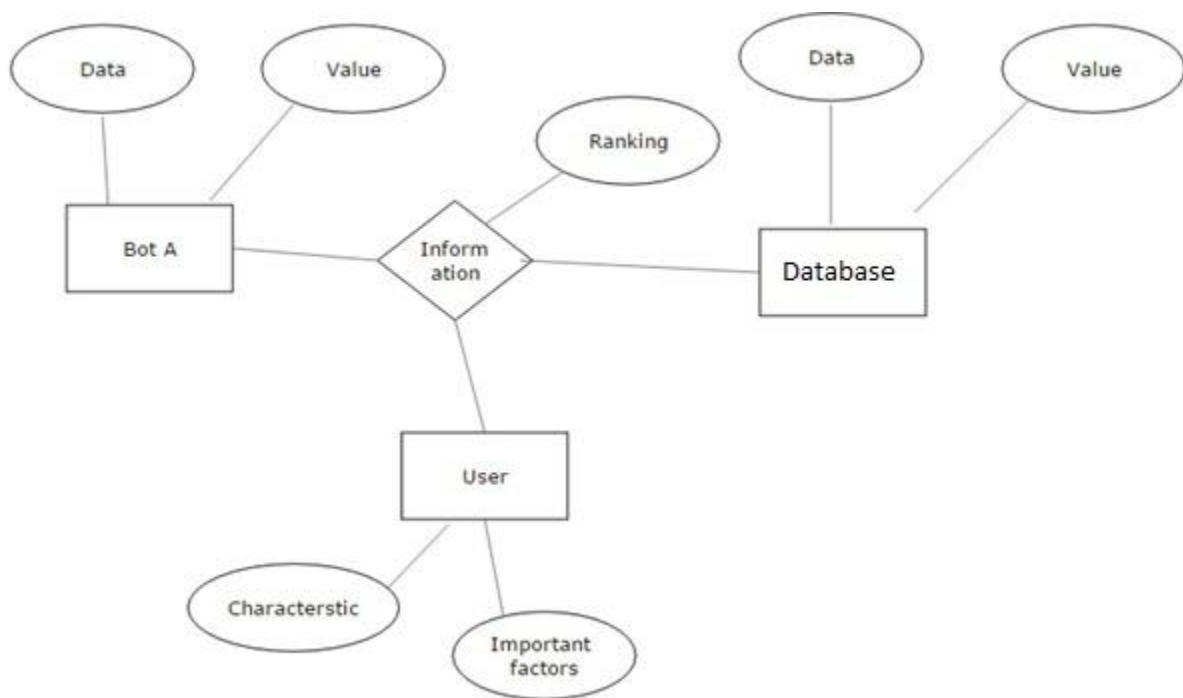
UML DIAGRAM:

Based on the most likely reaction, the appropriate function is performed. All these features communicate with the Google Firebase Firestore NoSQL database [15]. In this database are stored entities such as users, tasks, and groups.

One of the important functions is adding reminders to individual tasks and sending notifications. Sending notifications is based on a reminder or changes of a task. Changes, in this case, are the creation or completion of a given task. For notifications based on a reminder, each task requires adding a scheduled task which is represented by the cron on the server. The cron is deactivated after user notification. These alerts

are sent in the form of messages to individual users, depending on the parameters of the selected task. These parameters are the owner of the task, task sharing, and the group for which the task is create
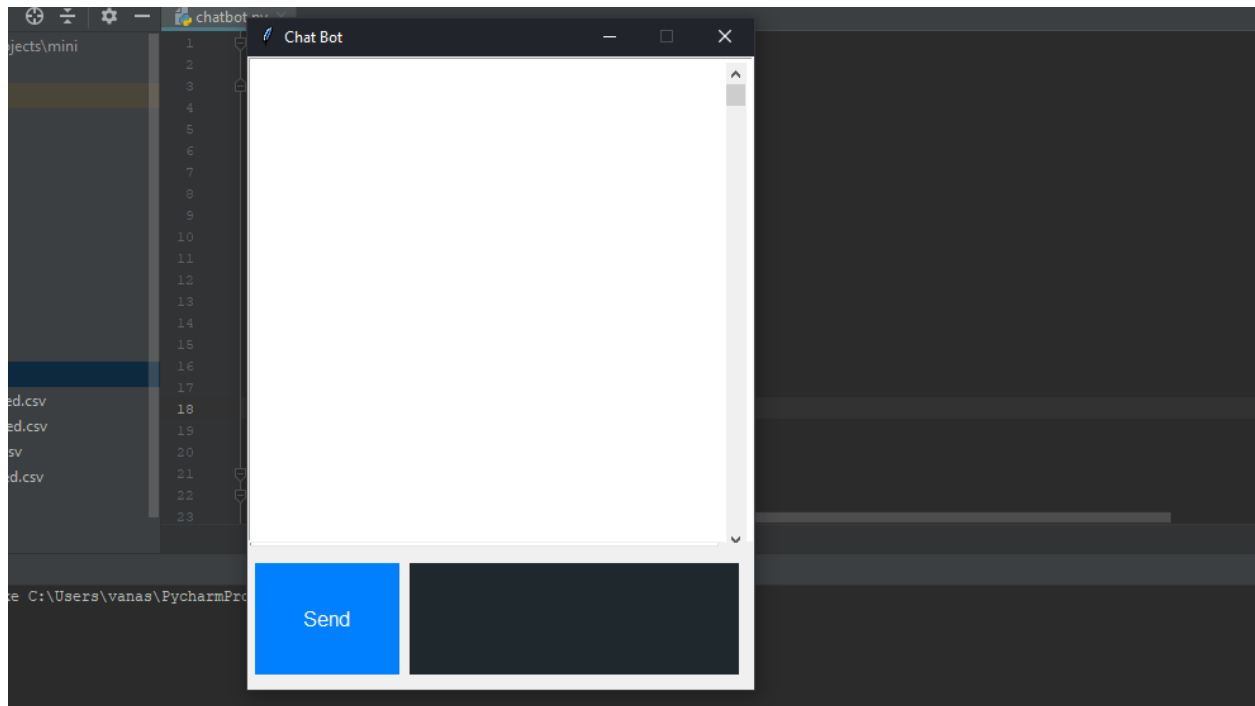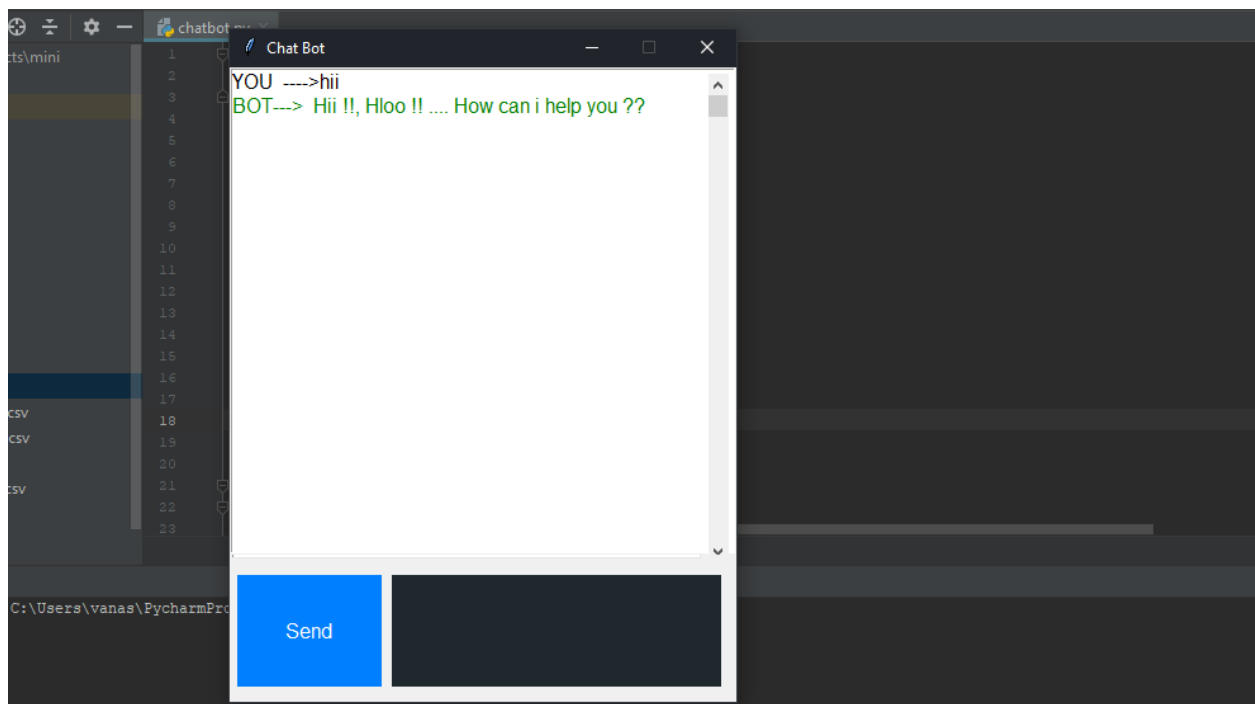
ER DIAGRAM:

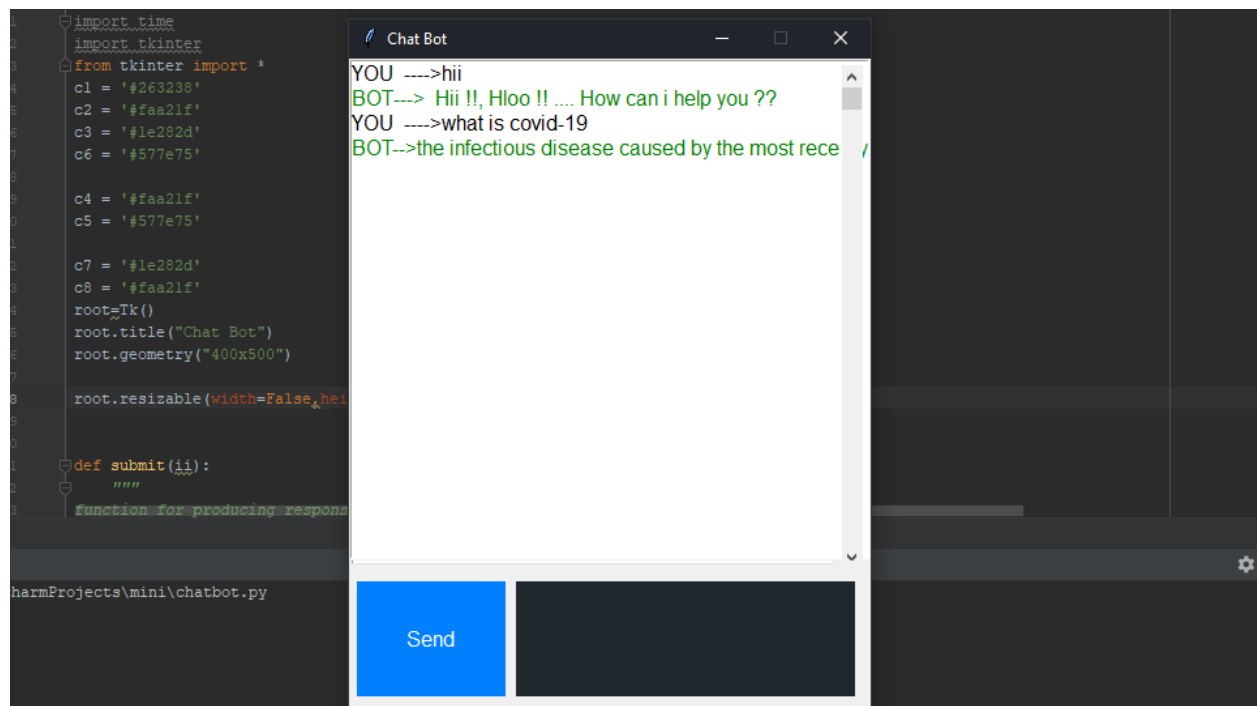**From the Stored database the queries will be resolved.**

OUTPUTS:

1) First screen

2)When we type "hii"

3) When we ask a question

```
import time
import tkinter
from tkinter import *
c1 = '#263238'
c2 = '#faa21f'
c3 = '#1e282d'
c6 = '#577e75'

c4 = '#faa21f'
c5 = '#577e75'

c7 = '#1e282d'
c8 = '#faa21f'
root=Tk()
root.title("Chat Bot")
root.geometry("400x500")

root.resizable(width=False,hei

def submit(ii):
    """
    function for producing respons
```

harmProjects\mini\chatbot.py

Chat Bot

YOU ----->hii
BOT---> Hii !!, Hloo !! .... How can i help you ??
YOU ----->what is covid-19
BOT-->the infectious disease caused by the most rece

Send

4) When we ask count of cases

```
import time
import tkinter
from tkinter import *
c1 = '#263238'
c2 = '#faa21f'
c3 = '#1e282d'
c6 = '#577e75'

c4 = '#faa21f'
c5 = '#577e75'

c7 = '#1e282d'
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root=Tk()
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root.geometry("400x500")

root.resizable(width=False,hei

def submit(ii):
    """
    function for producing respons
```

PycharmProjects\mini\chatbot.py

Chat Bot

YOU ----->hii
BOT---> Hii !!, Hloo !! .... How can i help you ??
YOU ----->what is covid-19
BOT-->the infectious disease caused by the most rece
YOU ----->How many cases entered all over world
BOT-->2 billion

Send