

CHAT BOT

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Abstract: A ChatBot is a software that can chat with people using AI. This software is used to perform many task such as quickly reply to user helping the user, buying the product and providing best service for user. we present the general working principle and the basic concept of AI chatbot using python programming. these is used as various sectors like banking, college, health, customer call centre and e-commerce. Additionally, these are used in the apps like Amazon, Flipkart, udaan. these helps like Assistance.

Keywords: chatbot, customer service, social service

I. INTRODUCTION

The CHATBOT is the part of the software that can chat with people using A I (ARTIFICIAL INTELLIGENCE).it is the help of various sectors like education, health, banking and help the various advanced sector. There is the various type of the chatbot using by different sector to help the peoples quickly. It is driven using intelligent rules (if the person says it respond). Today almost all company have their chatbots to help their users there are 80% of businesses are have some sort of chatbot. The first chatbot was created by Joseph Weizenbaum in 1966, Its name was Eliza. It all started when Alan Turing published an article named "Computer Machinery and Intelligence", and publish a question, "Can a machine think?".we practly we have chatbot everywhere. There are major two types of chatbot are popular first is a text-based chatbot and the second is a voice-based chatbot. In text-based chatbot answer, the user's question via the text interface and a voiced-based chatbot answer the user's question through human voice command. As the complexity, there are many chatbots available in the market .traditional chatbots, current chatbot, and future-based chatbots. we all know the people want to know information quickly there for chatbots help people give an answer quickly and save time. We can use the chatbot in the various situation .the present situation of the world is suffering covid-19 .we can use to help the apps for know the where is the place people are vaccinated. registering for vaccine and check the date in you vaccinated.

II. LITERATURE REVIEW

- Mankind has observed various types of chatbots where are some most are advanced .in current time there are various types of chatbot helping to the user and solve the question the asked by the users .there for people to know more before they listen by peoples in their contact. the help chatbot the life is simple. there is a servel application of chatbots. like reception , help desk email or content distributor and virtual phone assistance.
- there are enormous types architecture consist of chatbots like session /front end application interface. The deep learning of NLP(Natural Language Processing). in this we are used yml (ain't markup language) is a human readable data serialization.

III. PROPOSED SYSTEM

- This chatbot has the best practice for prevention and also helps if we ask any question in any field.
 - This chatbot has the best practice for prevention and also helps if we ask any question in any field.
 - It also includes e helpful tools for individuals.
 - This application will work using an algorithm using DFS.
 - It also converts user queries from text to speech and speech to text.
 - If we ask loudly and then application convert this speech to and tey also give answer speech and text.
 - If any question we ask the first time the output will store in the database.
 - The user will speak out his query on his/her phone using the application system. The application sends this speech as input to the speech recognition module which will convert the speech into text. This will be implemented using Google speech recognition API.[1]
 - There are two ways to do so, using RecognizerIntent or by creating an instance of SpeechRecognizer [1]
- Normalization is applied for each input, removing all punctuations, split into two or more sentences, and converted to uppercase



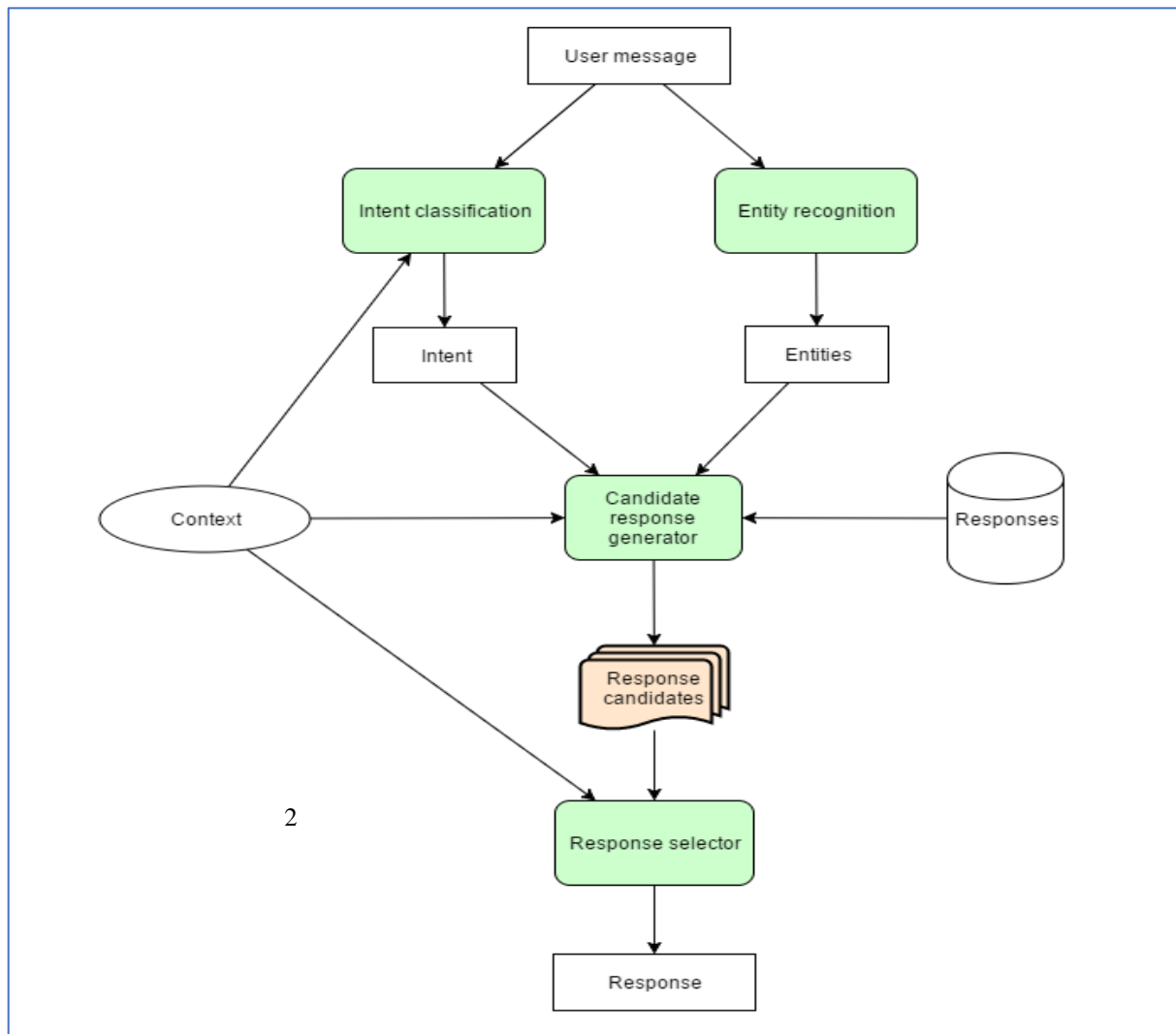
Some feature that the website is mainly focused on are:

- It provides Education information
- It should provide faster solutions.
- It simple & easy UI for a chatbot.
- Its use for NLP.

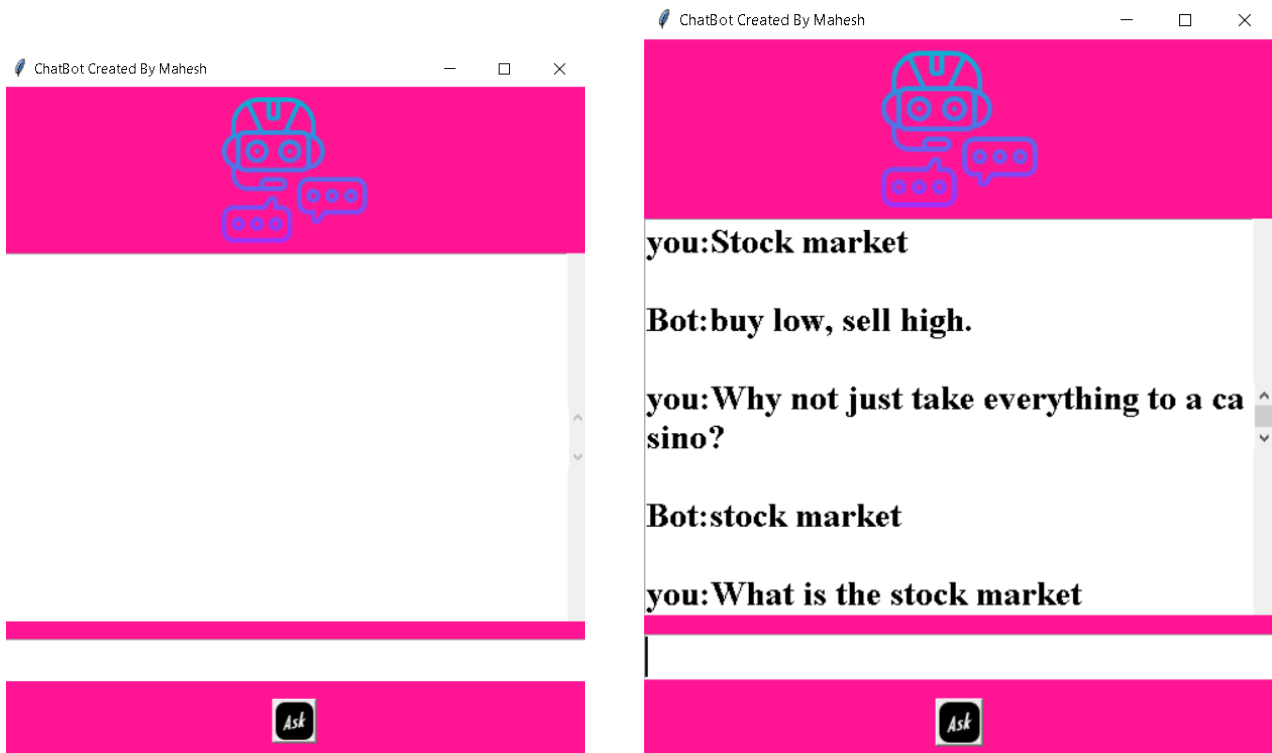
Uses

It helps people with the right information.
helps to user

(a) FLOW CHART OF SMART FIRE ALARM SYSTEM



2



IV. CONCLUSION

To summarize we have learned about all the existing system like Alexa & Siri. We found out ways in which these application can influence our application. It helps to understand how we will make conversations more human-like. Alexa helped to understand the limitation of speech to speech in language processing. The user will ask query related to sports, science, health using the application. A range of responses will be coded into YML.

REFERENCES

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