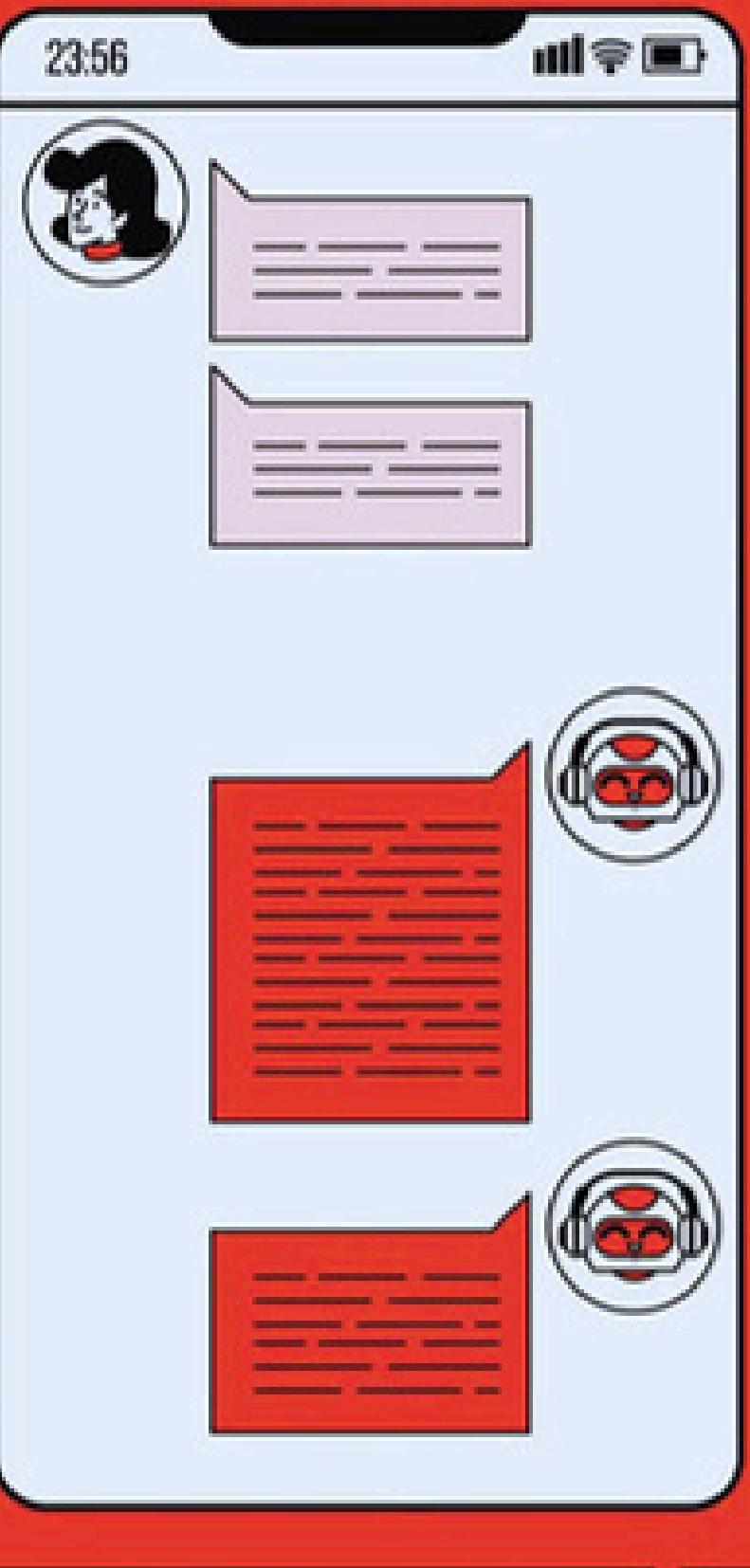


Project Presentation



AI HEALTH CARE CHAT BOT

Abstraction

To start a good life health care is more important. But it's very difficult to obtain the consultation with the doctor in case of any health issues. The proposed idea is to create health care chat bot system using Artificial Intelligence that can diagnose the disease and provide basic details about the disease before consulting a doctor. The system provides text (or) voice assistant you can communicate with bot like user friendly. Bot will provides which type of disease you can have based on user symptoms & appeared doctor details respective to user disease. Analgesics and also provides food suggestions that means which type of food you have to take. The chat bot will clarify the users symptoms with serious of questions and the symptom conformation will be done. The disease will be categorised as minor and major disease. Chatbot will reply whether it is a major or minor disease. If it is a major disease user will be suggested with the doctor details and analgesics for further treatment and also provides food suggestions that means which type of food you have to take. The users can achieve the real benefit of a chat bot only when it can diagnose all kinds of disease and provide analgesics information

INTRODUCTION

Now a days, health care is very important in our life. Todays people are busy with their work at home, office and more addicted to internet. They are not concerned about their health. So they avoid to go in hospital for small problem. It may become a major problem

So we can provide an idea is to create a health care chat bot system using AI that can diagnosis the disease and basic information about the disease before consulting a doctor. Which helps the patient know more about their disease and improve their health. User can achieve the all kinds of disease information

The system application uses question and answer protocol in the form of chat bot to answer user queries. The response to the question will be replied based on the user query. The significant keywords are fetched from the sentence and answer to those sentences. If match is discovered or significant answer will be given or similar answer will be displayed

Bot will diagnosis which type of disease you have based on user symptoms and also gives doctor details of particular disease, analgesics and food suggestions. It may reduce their health issues by using this application system

The system is developed to reduce the health care cost and time of the user as it is not possible for the user to visit the doctor or experts when they immediately needed

EXISTING SYSTEM

Many of the existing system have live chats through text and some limitations such as there is no instant response given to the patient they have to wait for experts acknowledgement for a long time. Some of the processes may charge amount to perform live chat or telephony communication

PROPOSED SYSTEM

- # In our proposed system the user can chat with the bot regarding the query through voice or text
- # The system uses an expert system to answer the queries
- # User can also view the available doctors for the that particular disease
- # This system can be used by the multiple users to get the counseling session online
- # The data of the chat bot stored in the database in the form of pattern - template
- # Bot will provide analgesics and food suggestions that means which food you have to take based on disease

SYSTEM REQUIREMENTS

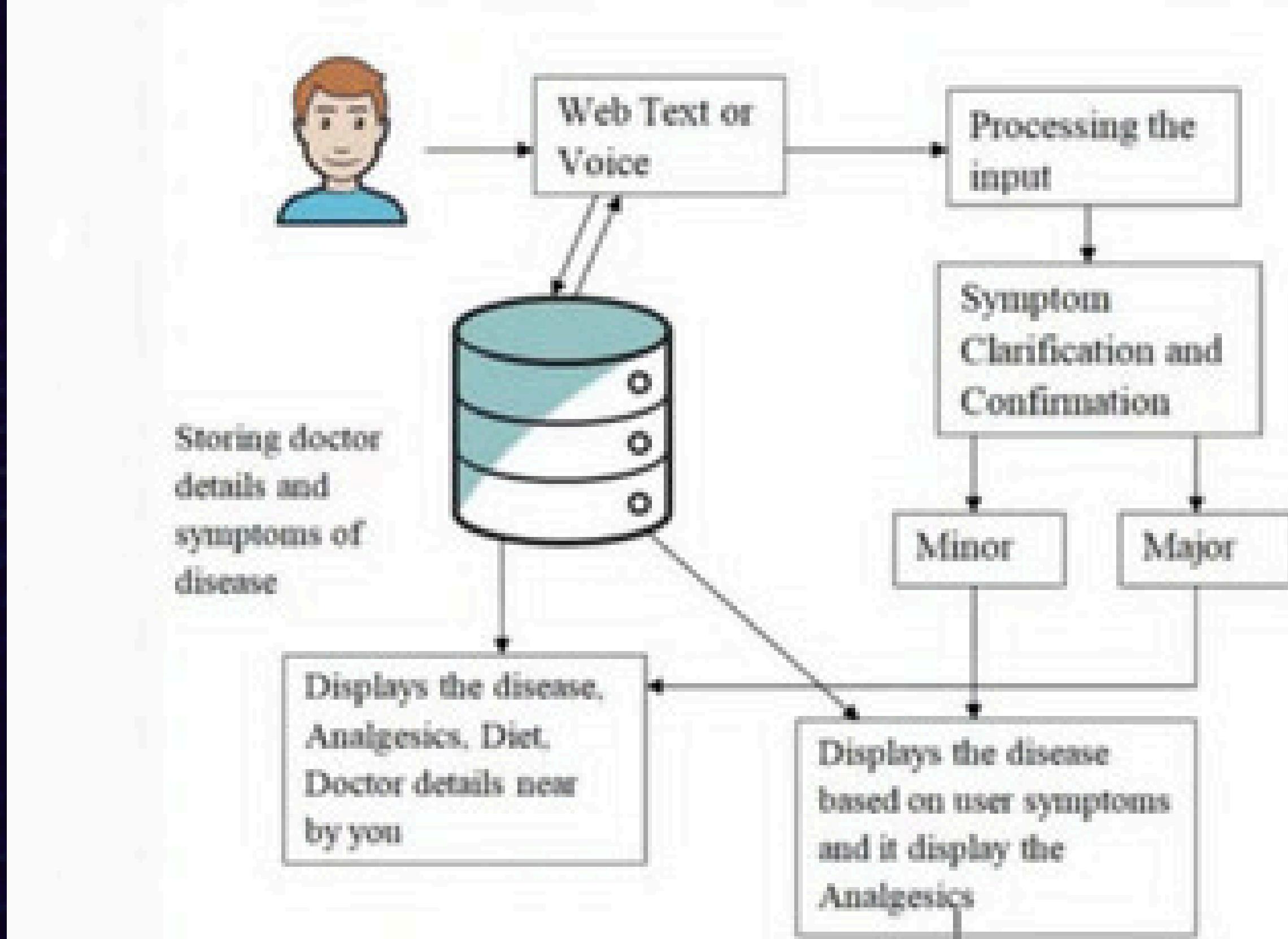
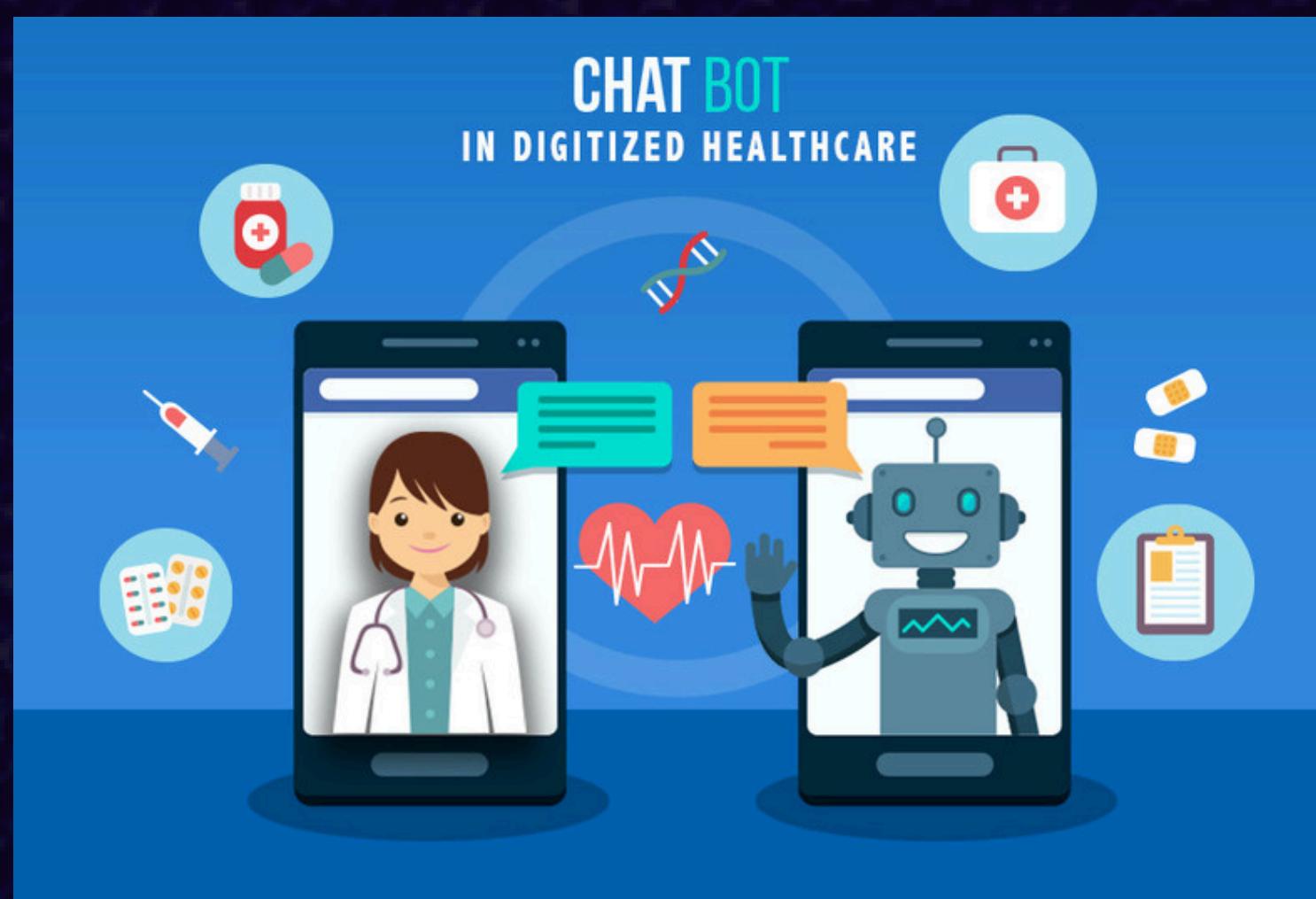
HARDWARE REQUIREMENTS

- PROCESSOR : i5 12th gen
- MEOMORY SIZE : 128 GB
- LAPTOP: HP PAVILION
- RAM : 8 GB

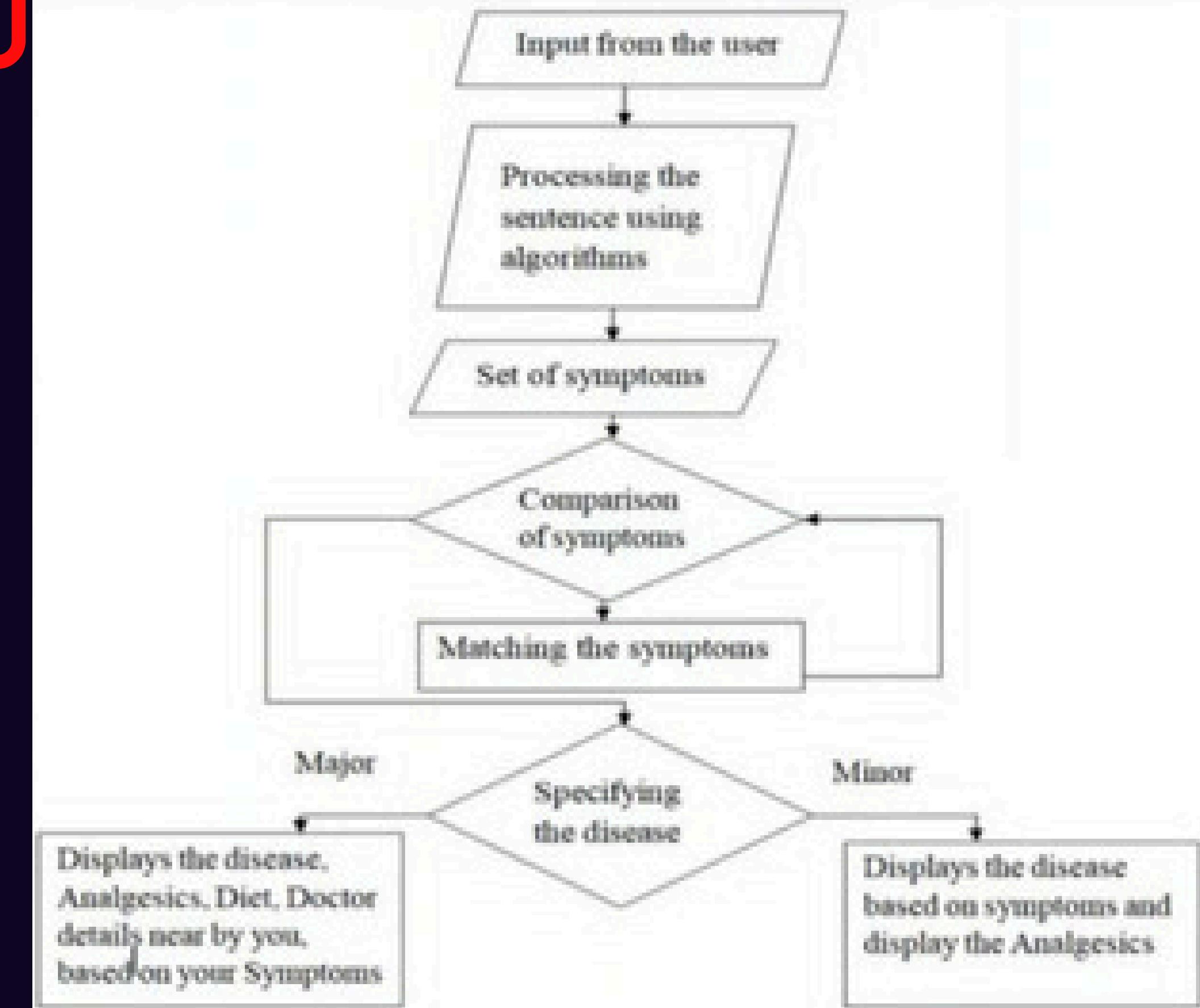
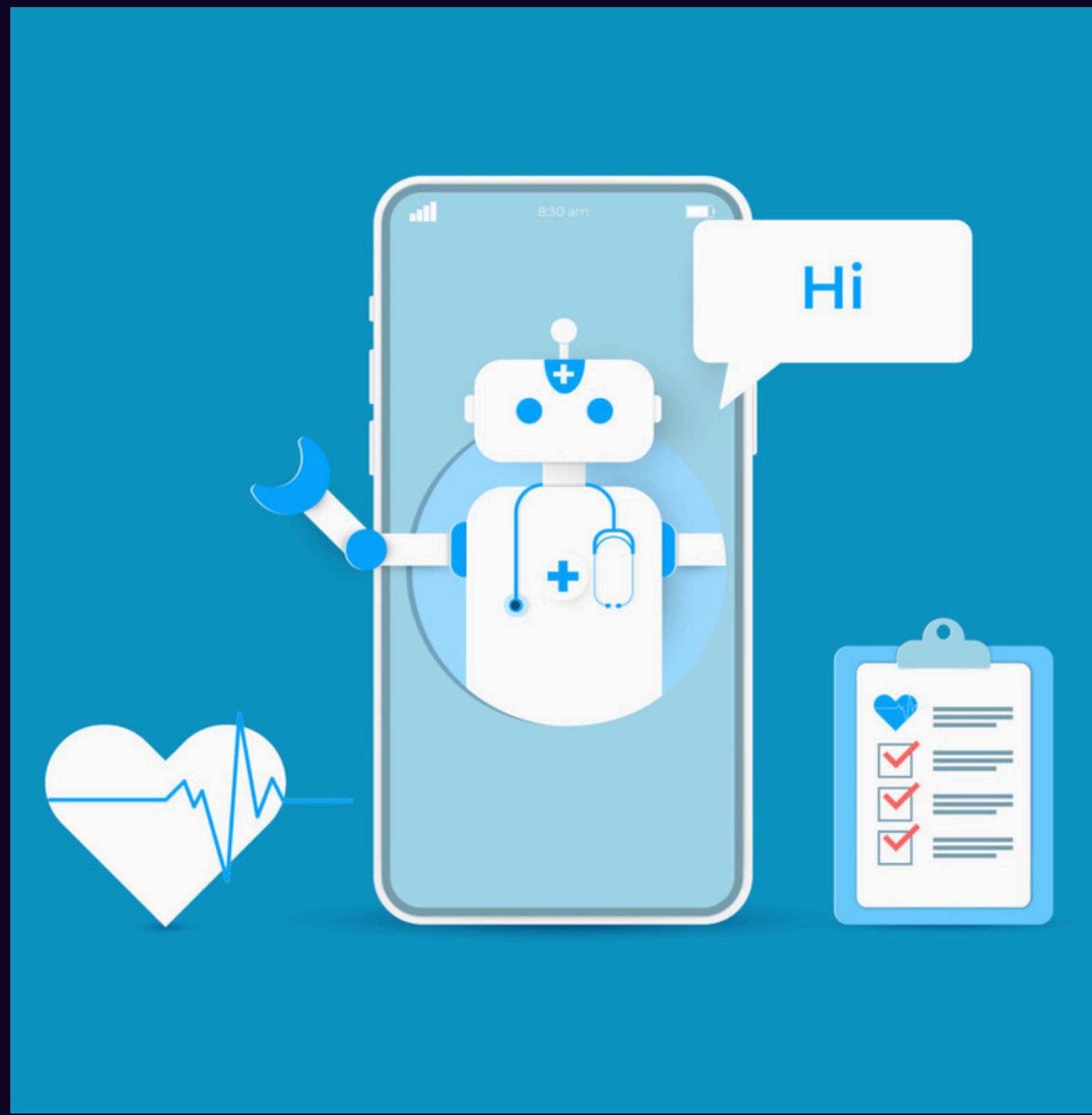
SOFTWARE REQUIREMENTS

- OS : WINDOWS 10
- PROGRAMMING LANGUAGE : PYTHON, HTML,CSS,JS, FLASK
- IDE : 3.10.9

ARCHITECTURE



DATA FLOW DIAGRAM



REFERENCE

Woebot: A mental health chatbot designed to provide therapy and support for users dealing with depression and anxiety.

Buoy Health: An AI-powered symptom checker and healthcare navigation platform that helps users understand their symptoms and find appropriate care.

Ada Health: An AI-driven symptom assessment tool that helps users understand their health issues and connect with appropriate healthcare resources.

Sensely: An AI-powered virtual nurse that helps users manage their health by providing information, reminders, and guidance.

Conclusion

Chat bot is great tool for conversation between human and machine. The application is developed for getting a quick response from the bot which means without any delay it gives the accurate results to the user

It's is concluded that, the usage of chat bot is user friendly and can be used by any person who knows how to type in their own language

Chat bot provides personalized diagnosis based on symptoms

This application is going to be very helpful to the user as they can easily get medical assistance without paying much. And also they are getting all this just at their home using smart phone

THANK YOU