



# **Apollo Chat bot**

Wire frame

---



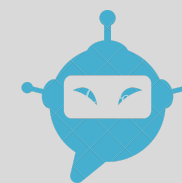
# Basic flow

- Greeting
- Diagnosis
- Treatment
- Ending Statement

# Greeting

ChatBot

Hello! Welcome to Apollo Hospitals.  
How are you feeling today?



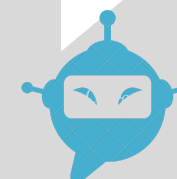
# Greeting

## ChatBot

Hello! Welcome to Apollo Hospitals. We'll try our best to serve you. It seems you're not logged in. To serve you better, we need some details. Please login if you have an account. Otherwise, you can fill the form below:

Name:   
DOB:   
Phone  
Number:   
Address:   
Gender: ☐ Female ☐ Male

**Submit**



# Greeting

## ChatBot

Hello! Welcome to Apollo Hospitals. We'll try our best to serve you. It seems you're not logged in. To serve you better, we need some details. Please login if you have an account. Otherwise, you can fill the form below:

Name:

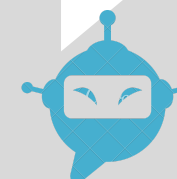
DOB:

Phone Number:

Address:

Gender: ☒ Female ☐ Male

Submit



# Greeting

## ChatBot

Hello! Welcome to Apollo Hospitals. We'll try our best to serve you. It seems you're not logged in. To serve you better, we need some details. Please login if you have an account. Otherwise, you can fill the form below:

Name:

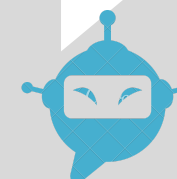
DOB:

Phone Number:

Address:

Gender: ☒ Female ☐ Male

Submit

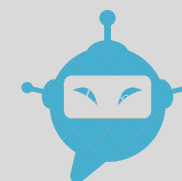


# Greeting

ChatBot

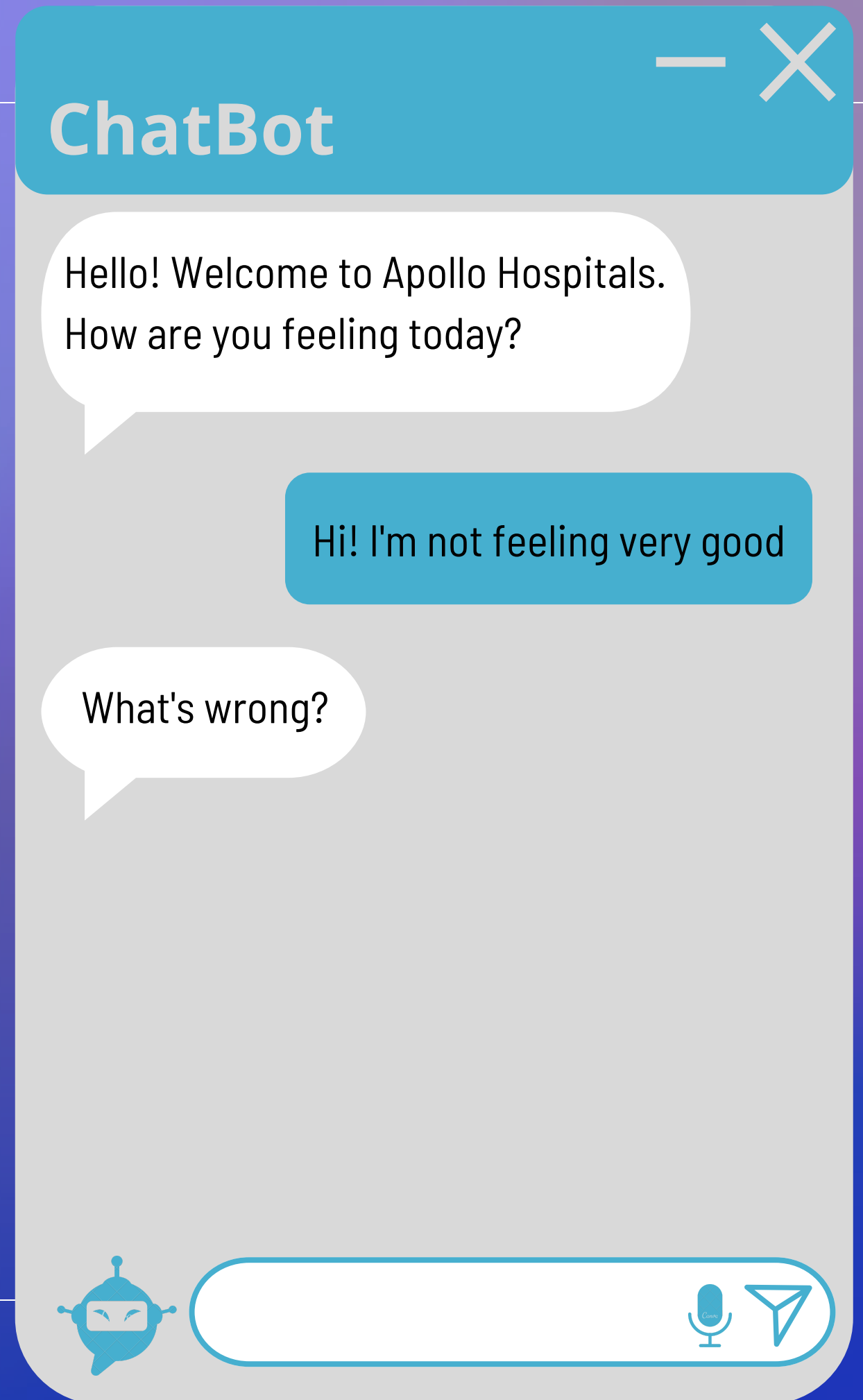
Hello Ms.Priya! Welcome to Apollo Hospitals. How are you feeling today?

Hi! I'm not feeling very good



# Diagnosis

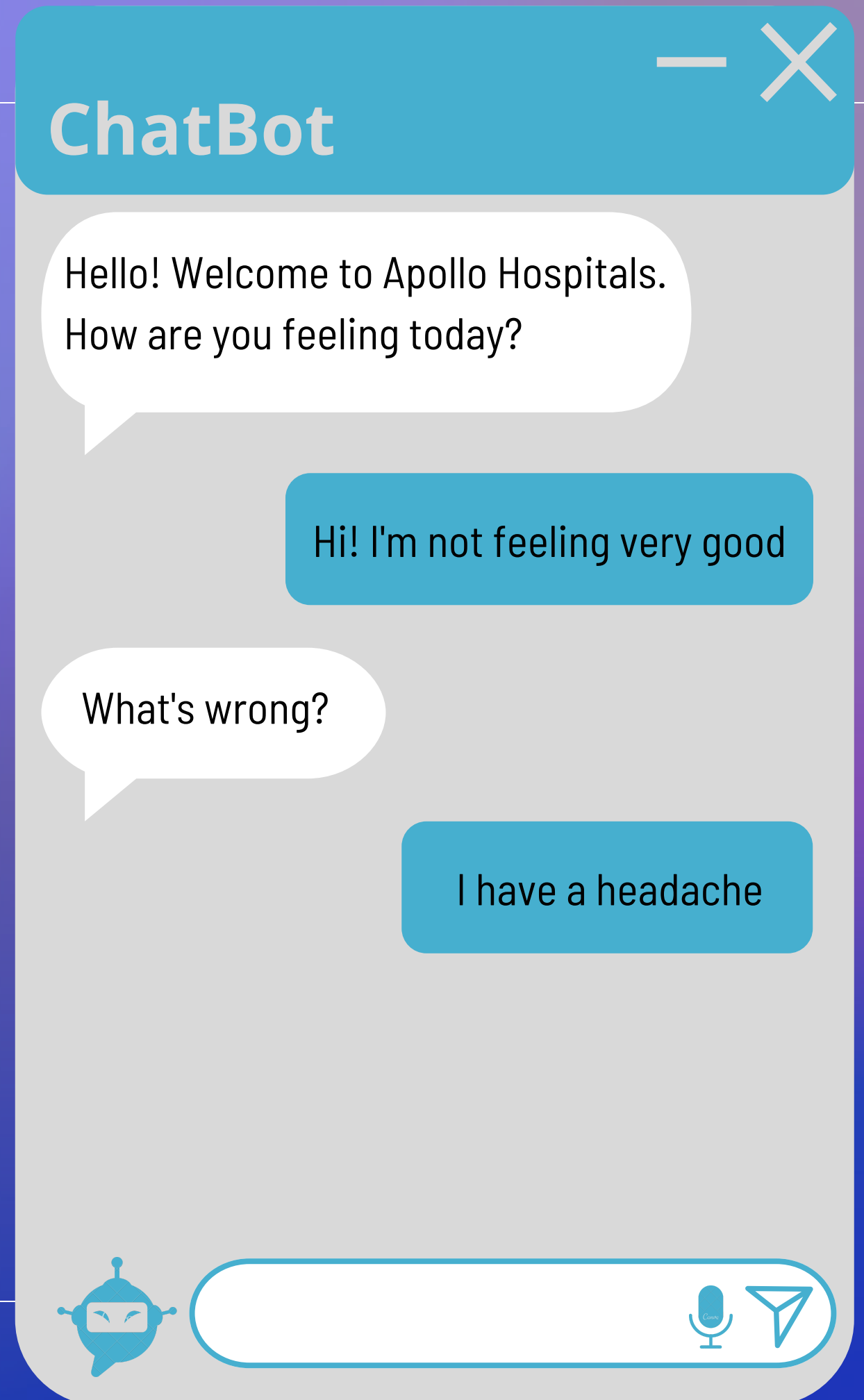
## 1. Getting symptom from patient





# Diagnosis

## 1. Getting symptom from patient

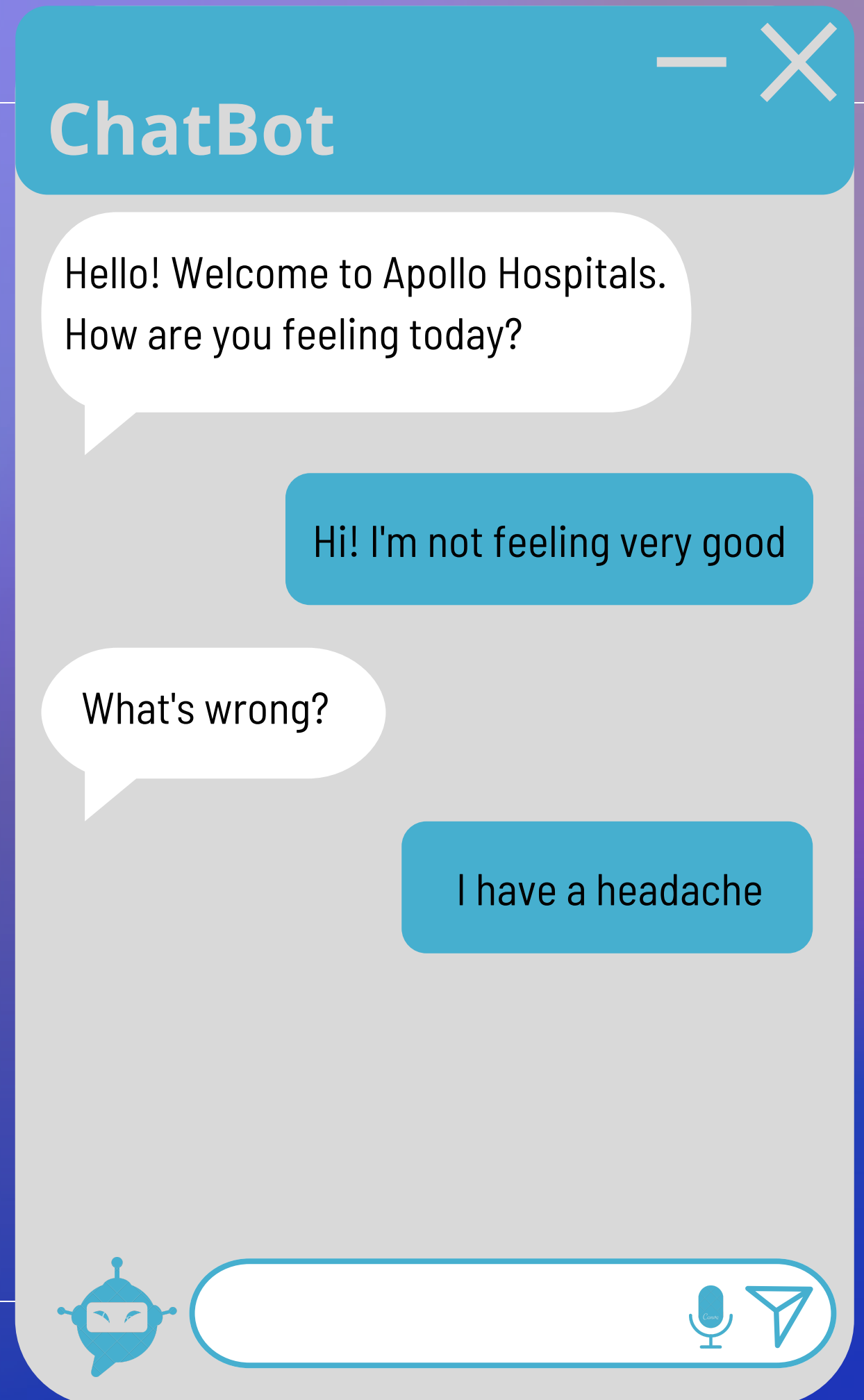


# Diagnosis

1. Getting symptom from patient:  
headache

2. Crosscheck against database for  
diseases:

- a. tension headaches
- b. migraines
- c. cluster headaches
- d. sinus headaches
- e. post traumatic headaches
- f. Hemicrania continua
- g. Rebound headaches



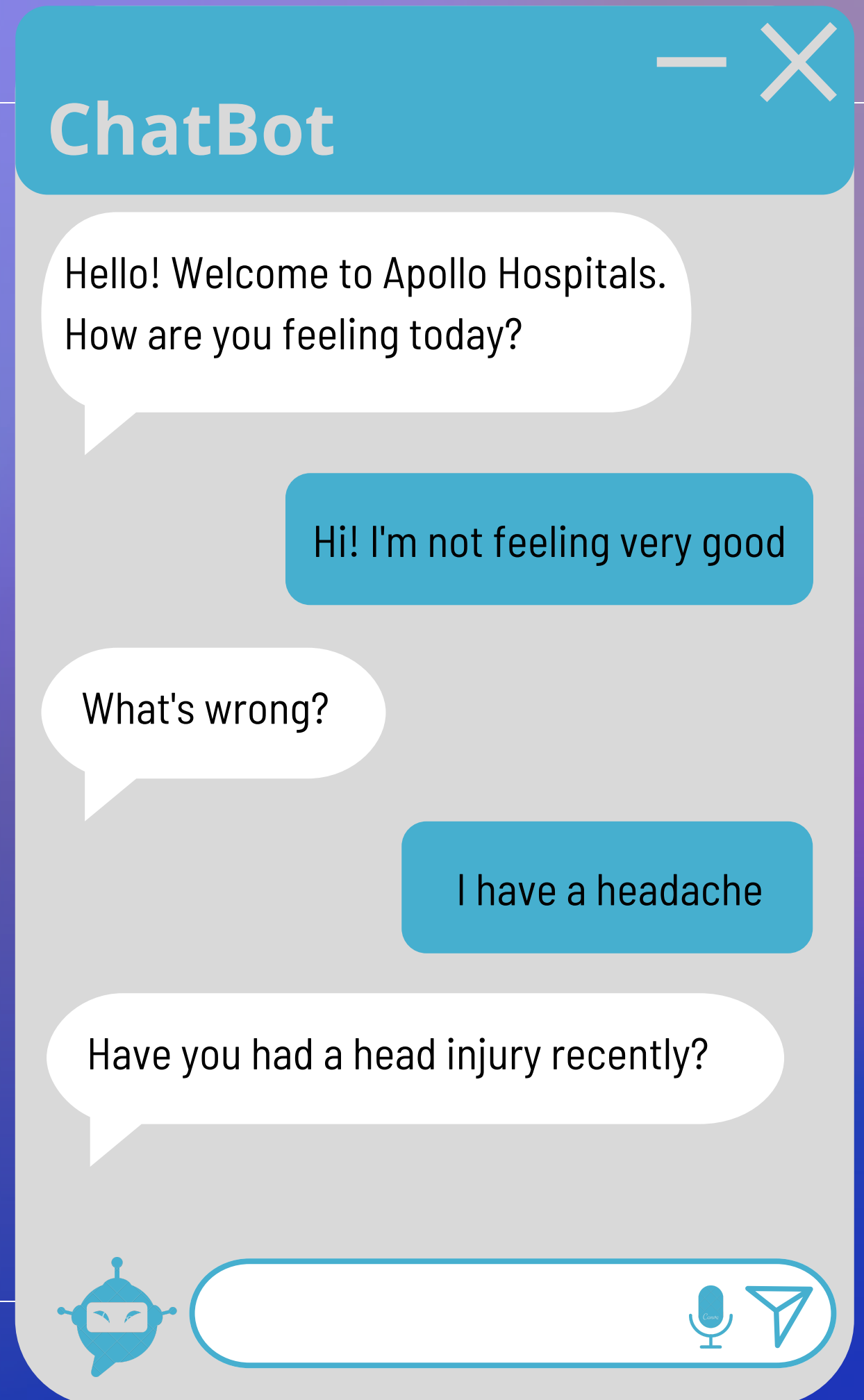
# Diagnosis

1. Getting symptom from patient:  
headache

2. Crosscheck against database for  
diseases:

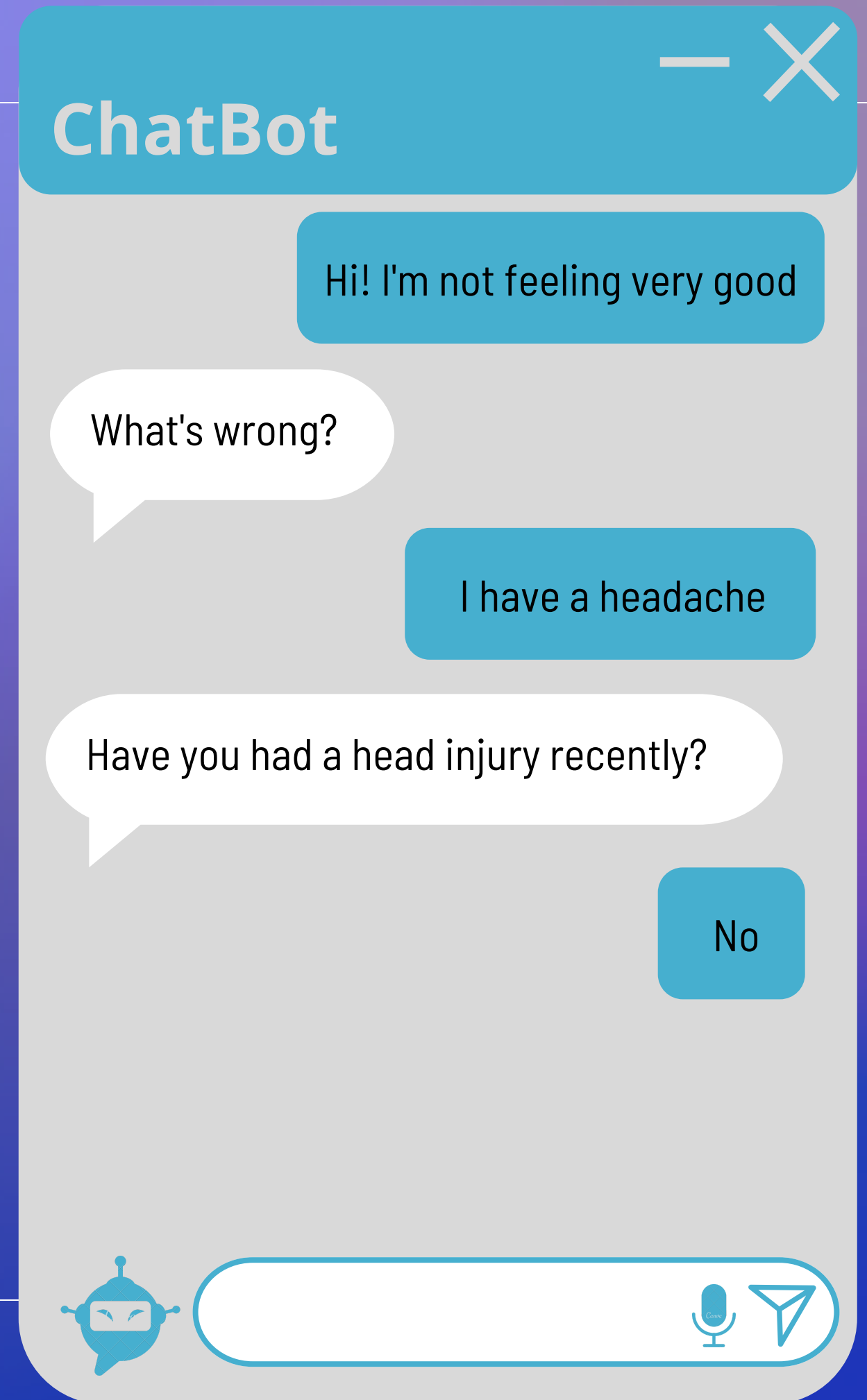
- a. tension headaches
- b. migraines
- c. cluster headaches
- d. sinus headaches
- e. post traumatic headaches
- f. Hemicrania continua
- g. Rebound headaches

3. Find the diagnosis



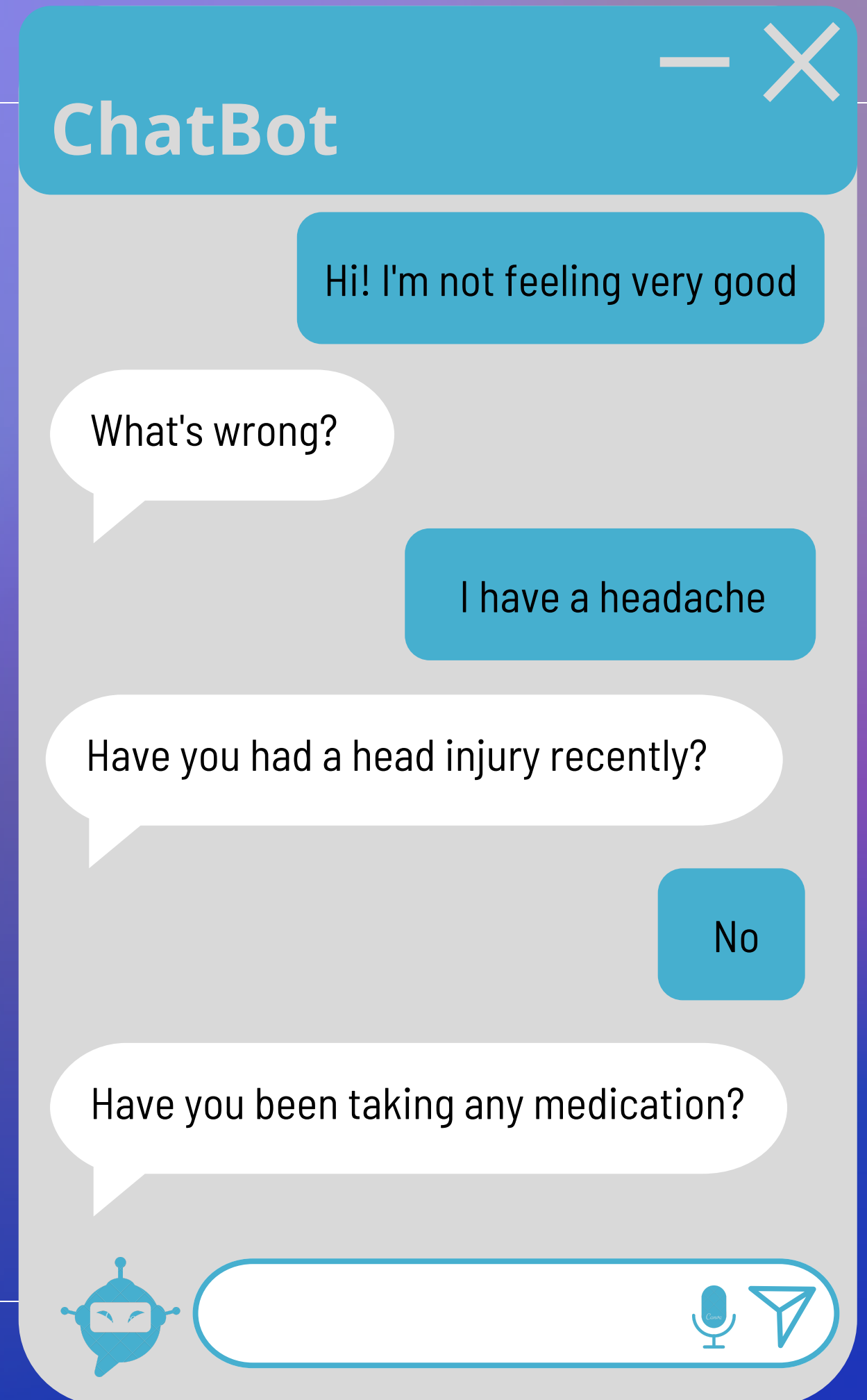
# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
  - a. tension headaches
  - b. migraines
  - c. cluster headaches
  - d. sinus headaches
  - e. ~~post-traumatic headaches~~
  - f. Hemicrania continua
  - g. Rebound headaches
3. Find the diagnosis



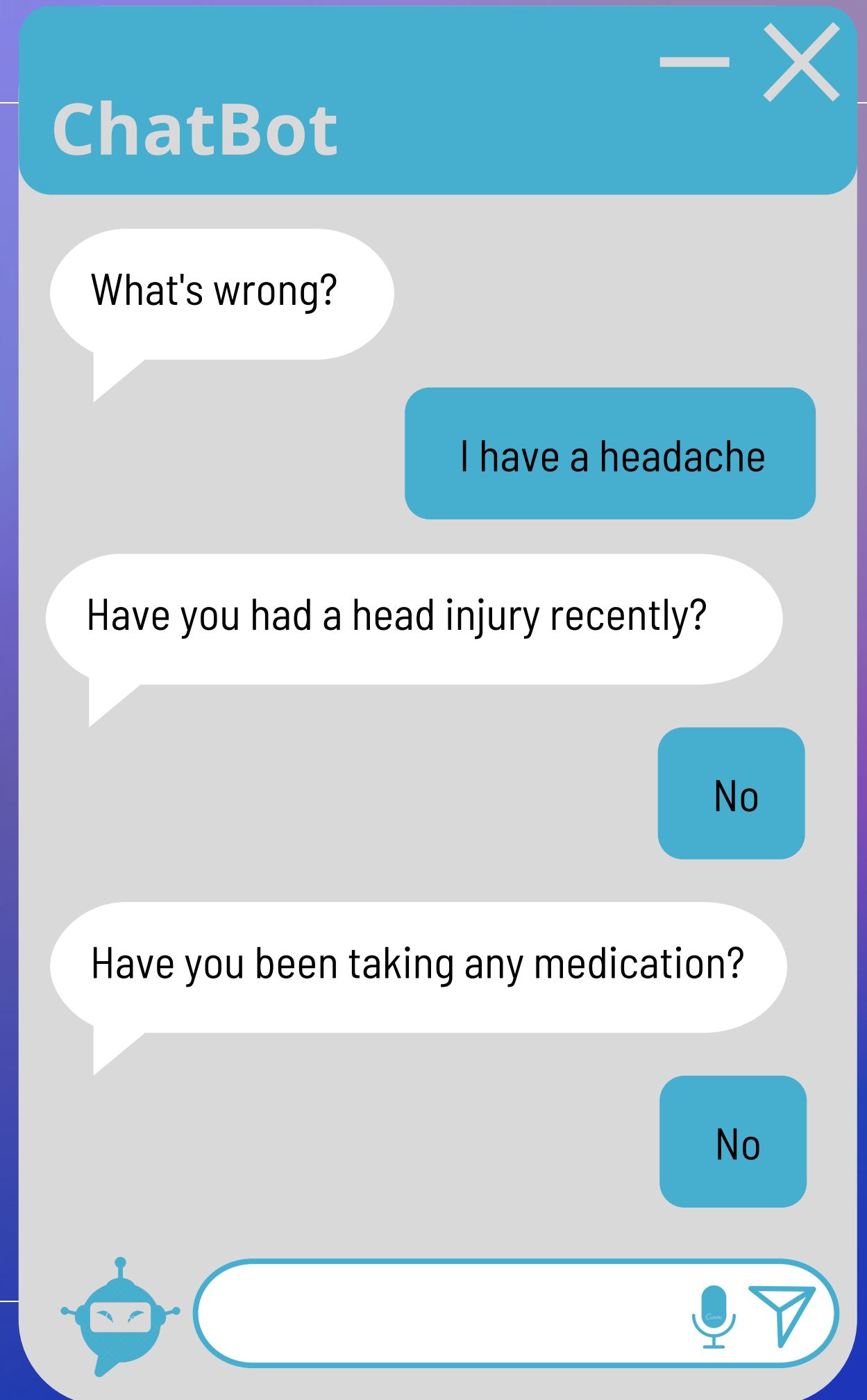
# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
  - a. tension headaches
  - b. migraines
  - c. cluster headaches
  - d. sinus headaches
  - e. ~~post-traumatic headaches~~
  - f. Hemicrania continua
  - g. Rebound headaches
3. Find the diagnosis



# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
  - a. tension headaches
  - b. migraines
  - c. cluster headaches
  - d. sinus headaches
  - e. post-traumatic headaches
  - f. Hemicrania continua
  - g. Rebound headaches
3. Find the diagnosis



# Diagnosis

1. Getting symptom from patient:  
headache

2. Crosscheck against database for  
diseases:

- a. tension headaches
- b. migraines
- c. cluster headaches
- d. sinus headaches
- e. ~~post-traumatic headaches~~
- f. Hemicrania continua
- g. ~~Rebound headaches~~

3. Find the diagnosis

— X

ChatBot

I have a headache



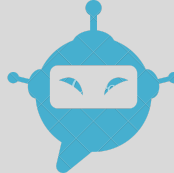
Have you had a head injury recently?

No

Have you been taking any medication?

No

Have you had a lot of stress recently?





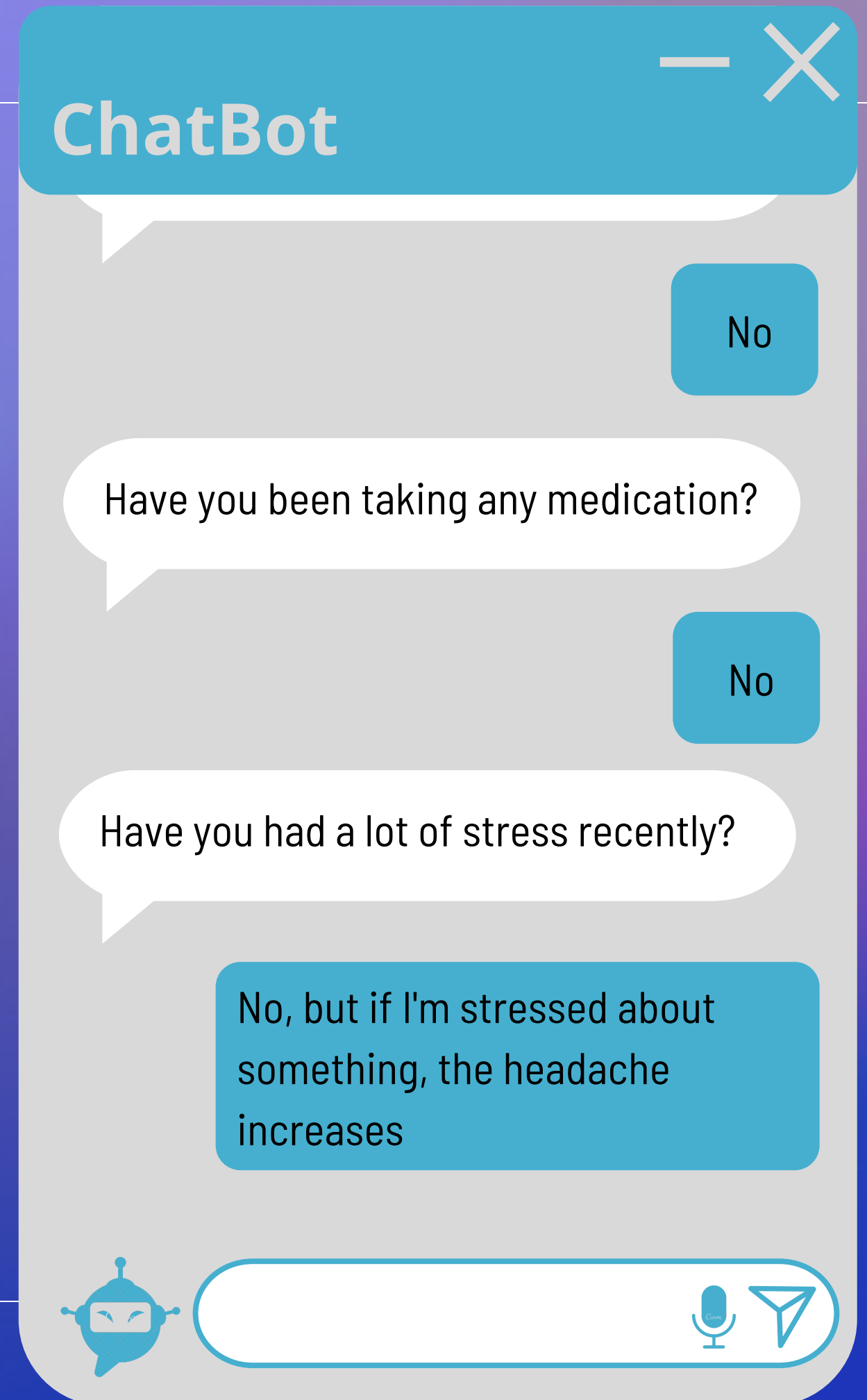
# Diagnosis

1. Getting symptom from patient:  
headache

2. Crosscheck against database for  
diseases:

- a. ~~tension headaches~~
- b. migraines
- c. cluster headaches
- d. sinus headaches
- e. ~~post-traumatic headaches~~
- f. Hemicrania continua
- g. ~~Rebound headaches~~

3. Find the diagnosis





# Diagnosis

1. Getting symptom from patient:  
headache

2. Crosscheck against database for  
diseases:

- a. tension headaches
- b. migraines
- c. cluster headaches
- d. sinus headaches
- e. ~~post-traumatic headaches~~
- f. Hemicrania continua
- g. ~~Rebound headaches~~

3. Find the diagnosis

ChatBot

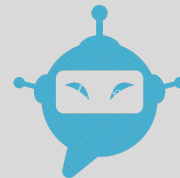
Have you been taking any medication?



No

Have you had a lot of stress recently?

No, but if I'm stressed about something, the headache increases

How long and how often have you been having the headache?





# Diagnosis

1. Getting symptom from patient:  
headache

2. Crosscheck against database for  
diseases:

- a. ~~tension headaches~~ (moderate, come and go)
- b. ~~migraines~~ (4 hours to 3 days and usually happen one to four times a month)
- c. ~~cluster headaches~~ (15 min to 3 hrs for a period)
- d. ~~sinus headaches~~ (a few days)
- e. ~~post-traumatic headaches~~
- f. Hemicrania continua (ongoing)
- g. ~~Rebound headaches~~

3. Find the diagnosis

ChatBot



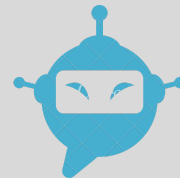
No

Have you had a lot of stress recently?

No, but if I'm stressed about something, the headache increases

How long and how often have you been having the headache?

I have been having it continuously for about 3 months



# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
3. Find the diagnosis: Hemicrania continua
4. Confirm the diagnosis by cross checking the symptoms

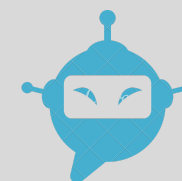
ChatBot

No, but if I'm stressed about something, the headache increases

How long and how often have you been having the headache?

I have been having it continuously for about 3 months

Is the pain constant or does it vary in severity?



# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
3. Find the diagnosis: Hemicrania continua
4. Confirm the diagnosis by cross checking the symptoms

ChatBot

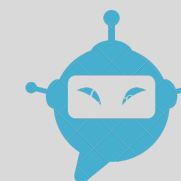
increases

How long and how often have you been having the headache?

I have been having it continuously for about 3 months

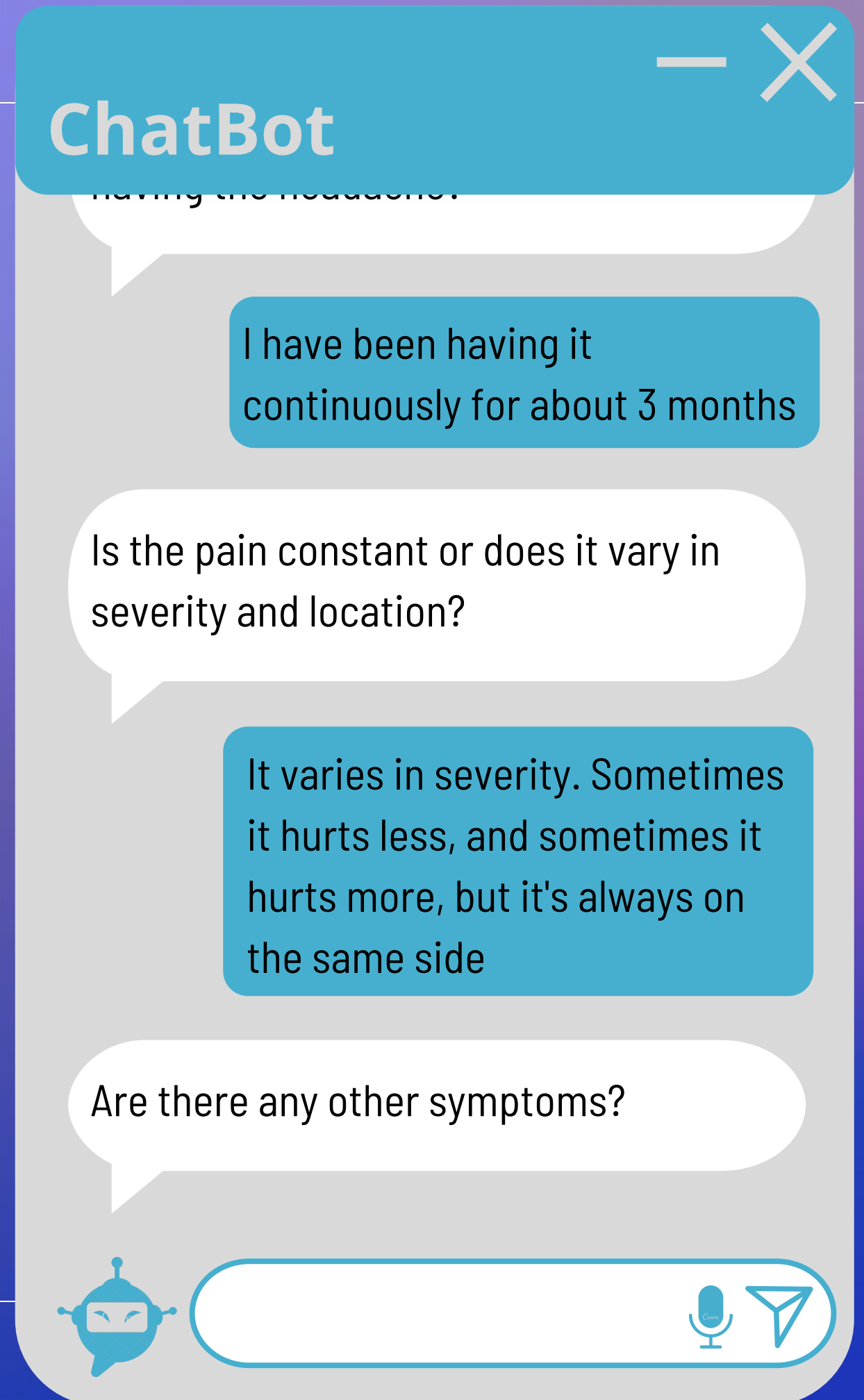
Is the pain constant or does it vary in severity and location?

It varies in severity. Sometimes it hurts less, and sometimes it hurts more, but it's always on the same side



# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
3. Find the diagnosis: Hemicrania continua
4. Confirm the diagnosis by cross checking the symptoms



# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
3. Find the diagnosis: Hemicrania continua
4. Confirm the diagnosis by cross checking the symptoms

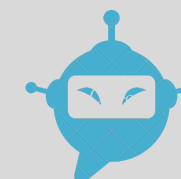
## ChatBot

Is the pain constant or does it vary in severity?

It varies in severity. Sometimes it hurts less, and sometimes it hurts more, but it's always on the same side

Are there any other symptoms?

Sometimes I feel like vomiting. My eyes get red and teary, and it gets worse when I move around





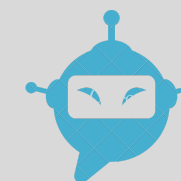
# Diagnosis

1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
3. Find the diagnosis: Hemicrania continua
4. Confirm the diagnosis by cross checking the symptoms
5. Inform the patient about the diagnosis

## ChatBot

Sometimes I feel like vomiting.  
My eyes get red and teary, and  
it gets worse when I move  
around

There's a possibility you have  
Hemicrania continua. Hemicrania  
Continua is treatable using common  
medicines. Further tests are required to  
confirm this diagnosis and prescribe  
medicines. It is best if you get an  
appointment with a neurologist  
as soon as possible. Would you like to  
book an appointment?



# Diagnosis

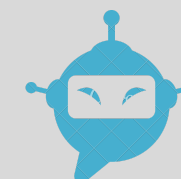
1. Getting symptom from patient: headache
2. Crosscheck against database for diseases:
3. Find the diagnosis: Hemicrania continua
4. Confirm the diagnosis by cross checking the symptoms
5. Inform the patient about the diagnosis

## ChatBot

My eyes get red and teary, and it gets worse when I move around

There's a possibility you have Hemicrania continua. Hemicrania Continua is treatable using common medicines. Further tests are required to confirm this diagnosis and prescribe medicines. It is best if you get an appointment with a neurologist as soon as possible. Would you like to book an appointment?

Yes





# Treatment

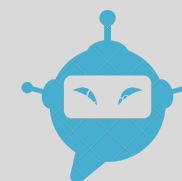
Book appointment with doctor.

ChatBot

There's a possibility you have Hemicrania continua. Hemicrania Continua is treatable using common medicines. Further tests are required to confirm this diagnosis and prescribe medicines. It is best if you get an appointment with a neurologist as soon as possible. Would you like to book an appointment?

Yes

In which city are you situated?



# Treatment

Book appointment with doctor.

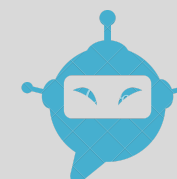
## ChatBot

Continua is treatable using common medicines. Further tests are required to confirm this diagnosis and prescribe medicines. It is best if you get an appointment with a neurologist as soon as possible. Would you like to book an appointment?

Yes

In which city are you situated?

I'm in Delhi



# Treatment

Book appointment with doctor.

— X

ChatBot

book an appointment?

Yes



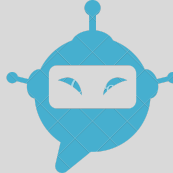
In which city are you situated?

I'm in Delhi

Please choose a hospital near you:

Apollo Hospitals Delhi

Apollo Hospitals Mumbai



# Treatment

Book appointment with doctor.

ChatBot

Yes

In which city are you situated?

I'm in Delhi

Please choose a hospital near you:

Apollo Hospitals Delhi

Apollo Hospitals Mumbai

Apollo Hospitals Delhi

# Treatment

Book appointment with doctor.

ChatBot

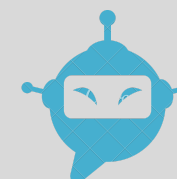
Apollo Hospitals Mumbai

Apollo Hospitals Delhi

These are the doctors in the neurology department in Apollo Hospital Delhi. Who would you like to book an appointment with?

Dr. First Sood

Dr. Second Sharma



# Treatment

Book appointment with doctor.

ChatBot

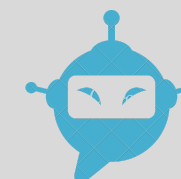
Apollo Hospitals Delhi

These are the doctors in the neurology department in Apollo Hospital Delhi. Who would you like to book an appointment with?

Dr. First Sood

Dr. Second Sharma

Who's available next Tuesday?



# Treatment

Book appointment with doctor.

ChatBot

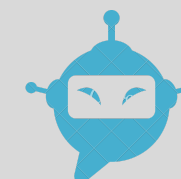
with?

Dr. First Sood

Dr. Second Sharma

Who's available next Tuesday?

Dr. First Sood is available next Tuesday from 2pm to 3 pm and from 5 pm to 6pm. Would you like to book an appointment with him for next Tuesday?



# Treatment

Book appointment with doctor.

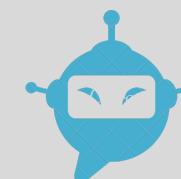
ChatBot

Dr. Second Sharma

Who's available next Tuesday?

Dr. First Sood is available next Tuesday from 2pm to 3 pm and from 5 pm to 6pm. Would you like to book an appointment with him for next Tuesday?

Yes





# Treatment

Book appointment with doctor.

## ChatBot

from 5 pm to 6 pm. Would you like to book an appointment with him for next Tuesday?

Yes

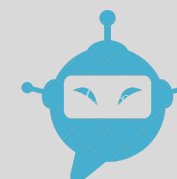
Please pick a slot for your appointment:

2:00 pm to 2:30 pm

2:30 pm to 3:00 pm

5:00 pm to 5:30 pm

5:30 pm to 6:00 pm



# Treatment

Book appointment with doctor.

ChatBot

Yes

Please pick a slot for your appointment:

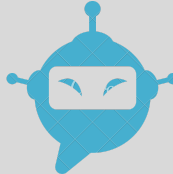
2:00 pm to 2:30 pm



2:30 pm to 3:00 pm

5:00 pm to 5:30 pm

5:30 pm to 6:00 pm

5:00 pm to 5:30 pm





# Treatment

Book appointment with doctor.

ChatBot

appointments:

2:00 pm to 2:30 pm

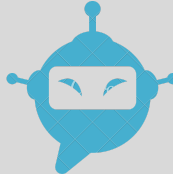
2:30 pm to 3:00 pm



5:00 pm to 5:30 pm

5:30 pm to 6:00 pm

5:00 pm to 5:30 pm

Would you like to book an appointment with Dr. First Sood from 5:00 pm to 5:30 pm on July 5th 2022?





# Treatment

Book appointment with doctor.

ChatBot

2:30 pm to 3:00 pm

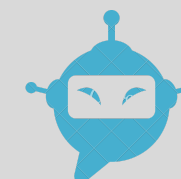
5:00 pm to 5:30 pm

5:30 pm to 6:00 pm

5:00 pm to 5:30 pm

Would you like to book an appointment with Dr. First Sood from 5:00 pm to 5:30 pm on July 5th 2022?

Yes



# Treatment

Book appointment with doctor.

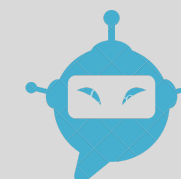
ChatBot

5:00 pm to 5:30 pm

Would you like to book an appointment with Dr. First Sood from 5:00 pm to 5:30 pm on July 5th 2022?

Yes

Your booking has been made. Is there anything else I can do to help?



# Ending statement

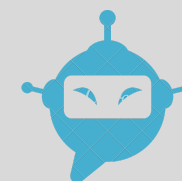
ChatBot

Would you like to book an appointment with Dr. First Sood from 5:00 pm to 5:30 pm on July 5th 2022?

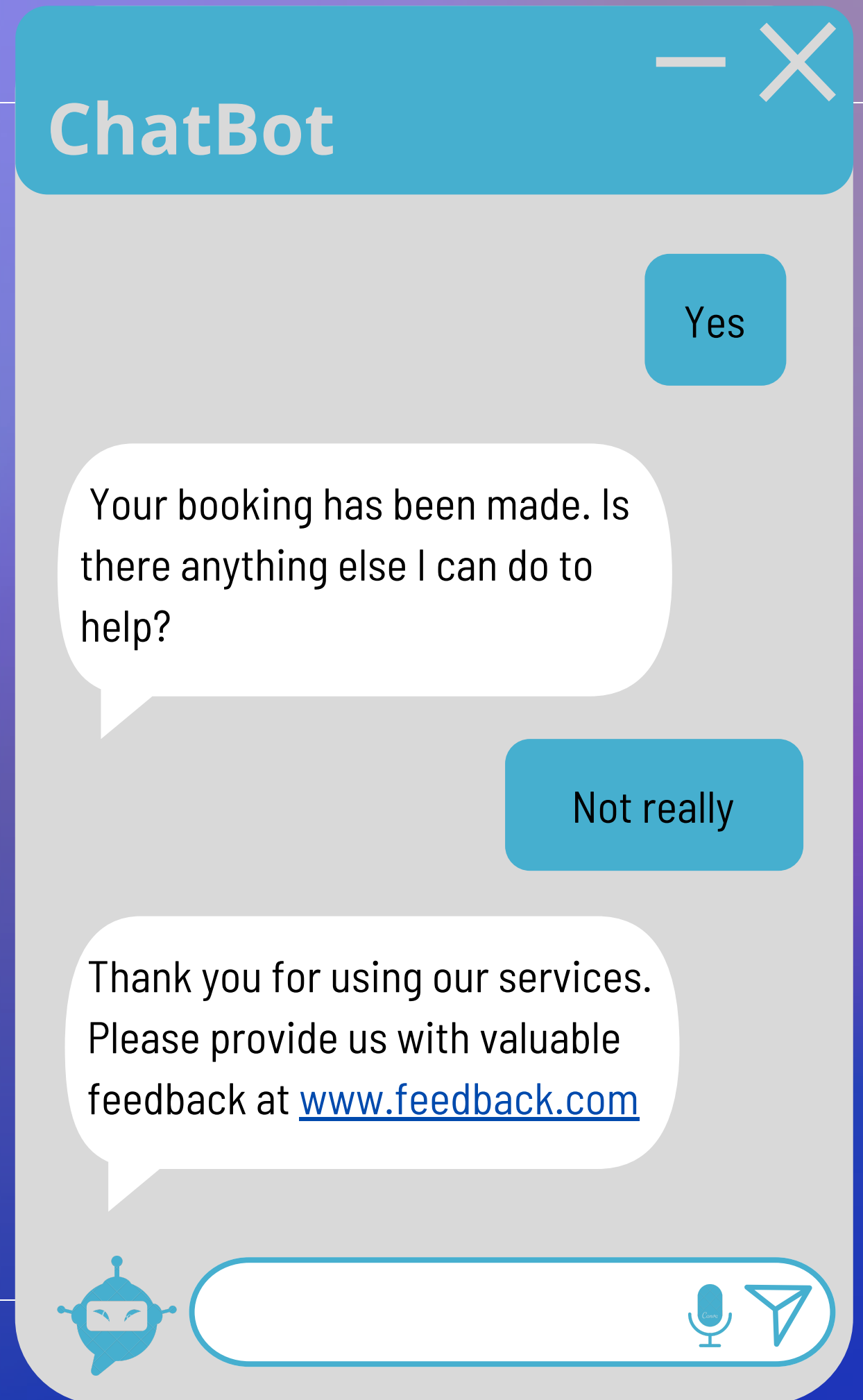
Yes

Your booking has been made. Is there anything else I can do to help?

Not really



# Ending statement





# Thank You!

