CHATBOT

Sahayak: All in one ChatBot

Team: CokeAndBottle

Contents

1   ABOUT US

We are a group of 3 members. We are large enough for you to trust us and small enough to get to know us closely. Here are the background of the members who had made this possible.

<p style="text-align:center;color:red">Team: CokeAndBottle</p>

Members

- Raghuvar Prajapati (Team Leader)

- Ajay Shewale (Team Member)

- Hemant Kumar (Team Member)

2   ABOUT THE PROJECT

<p style="text-align:center;font-size:2em">Sahayak</p>

   We have observed that in day to day life of an ordinary people he/she used to face many problems and challenges in their life at every stage. In this project, we are addressing central problems faced by farmers, students, and citizens. Nowadays, it is straightforward to google queries on the internet, but due to the millions of search results, relevant and semantic information regarding queries are difficult to obtain. Also, there is a high demand for such problems to be on a single platform. So our application is going to provide all these facilities that would make the user's queries resolved. A simple yet effective chat bot which will suggest and provide all the relevant information about the query. Our target audience will be the most important factors of this project (mainly farmers).

3 TARGET AUDIENCE

As of now we have only focused on the Farmer and Educational communities. But we have thought that there would be major categories of the users, like:

- Farmer Communities

- Educational Communities

- Business Communities

4 PROBLEMS

We can point out the problems that these types of users faced in their daily life. So, let's drive into their difficulties.

4.1 FARMER

We have identified the major areas in which the farmer suffers:

- Lack of awareness of available technologies

- Information about government programs and schemes

- Unconscious about advance agricultural techniques

4.2   EDUCATIONAL COMMUNITY

If We observe the current scenario of the education in our country, we'd realize that in which generation are we living in? We have tried to identified their problems such as

- Providing proper direction for education

- Deficiency of resources

- Unaware of scholarships and governmental schemes for education

4.3   BUSINESSMAN

We have also observed the major problems of these types of users and come to know that main and most important problems they face are :

- What are the current market needs?

- Where is your business stands?

- Are there any better existing solution for my problems, from which I'm not aware of?

- How is the price of the current market and where should I invest my capital so that I could get the best out of it?
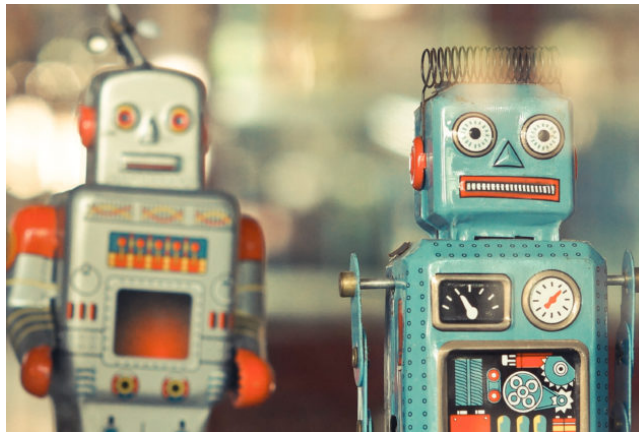
5   ALGORITHM BEHIND THE CHATBOT

What is ChatBot?

In simple words, ChatBots are the simple AI systems that we interact with via text or voice interface. Or we can say that A chat robot is a computer code that resembles human communication or chats through artificial intelligence.

Why ChatBot?

- Chatbots are easy to use.

- Can save money.

- Easy to setup.

- Support for Social Media.

Algorithm: Hybrid AI Algorithm

Hybrid approach is mixture of 2 approaches Rule based AI and machine learning. So, unless you're a large technology giant, you likely have no user data when you first start out (or you may have privacy constraints that limit the data you can collect) so a rule-based approach may be your best—or perhaps only—option. The main advantage of using this algorithm consists of:

- Efficiency and reliability get increased.

- Putting entire control into creative Hands.

- Conversation is more than understanding intent.

6   WHY ARE WE BETTER?

Why our solutions is better than the existing solutions already available in the market?

- All in one platform.

- A single solution for all queries.

- A mobile application which will easy to use.

- Economic cost for overall project.

- Ubiquitous future application

7   DEMO: READY TO GO

Let's walk-through the entire app:

Here we are providing the video link for the demo of our application, please walk through the same:

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https://www.youtube.com/watch?v=WrWgrAau9fU
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8 FUTURE SCOPE

Till here our bot provides solutions for farmer and students. We are ready to aim higher and build an all in one platform for your assistant which will provide any information you seek.

We will expand target audience. Followings are some of the functions we will add. Information about various scholarships for students

- Information about government jobs

- News

- Train availability and booking

- Bus Schedules

- Hotel Search

- Online payment recharge for mobile

- Reminders

- Audio response for visually impaired people

Thank You