

Patron Focused Ecommerce Site with AI Chatrobot

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Abstract

As long before people if they need anything they want to go to the shop to purchase. It takes human power and time. As the technology gets improved the online shopping has come to the market. Nowadays nearly 90% of the people using the Smartphone by using this we can able shop anything in any website. The patrons can go the website they want to purchase and inside the website they mentioned all the products with specifications and valid date and rate. They can click what they want and at the final stage there is the option called payment mode they can able to through cash or card. At last the bill we generated which can be sent to the mail id we specified. Before us going to purchase the products we want to enter the personal details. It has the two phases one is the admin phase and the one is the patron phase. In this paper they proposed the use of the online confab robot. If the patron has the any queries about the products there is the chat robot if we give the text input in the chat robot the system can gives a response in the text output. The content is stored in the data base. The confab robot are much user friendly to the patron.

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1. Introduction

In India the digital marketing has been improved in a large scale when compared to the past few years. From skilled person to unskilled person all are using smart phones. They all are living in the digital world. The digital world attracts most of them because they are more efficient and saves much time. All the things made simple in the current digital scenario. The patron wants to purchase anything they needs they did not wants to go to the shop and waste their time and human effort. There is multiple of online website to purchase their needs from their home. If they choose the particular website they first wants to login to the website at the login stage they ask about the patrons name, address, and some other details. After that they can redirect to the purchasing page. The page contains the all the product details with specification and rate. The patrons can go through the product description after go through the details they want to buy that product or not is it that patron opinion. If they any doubt there is the confab robot which can clear all the

queries of the patrons. The confab robot is mainly proposed in this paper. The confab robot consist of the queries, the patron can give their queries as the input text to the confab robot. The confab robot can takes the input queries and check the relevant answer about the queries with the database. After fetching the details in the database the answer has been converted into the human language which can be displayed in the output screen. The confab robot is the artificial intelligence thing in which it can response to the patron needs within some period of time. The confab robot is user friendly that can be much effective and time efficient. The confab robot are also known as the patron friendly or interactive AI. Before some years if the people wants to interact with anyone is the human only human to human interaction is takes place but now the interaction can be varied the people to human interaction has be involved. The people interaction with system can takes place any time and any situation it does not need time, place etc. Likewise the confab robot if the people want to communicate at any time it does not need the time line scenario. The database

has been designed using the sql the database must contains the all the relevant details and results to the patrons queries. The database can be stored in the cloud. The cloud can be large extent of space in which it easily fetches the information within a fraction of second. The details are stored in the stack manner which can be easily to fetches the information. The confab robot has become more effective and efficient in the real world.

2. Literature Survey

Neelkumar P. Patel et.,al., proposed about the use of the confab robot to the students in the field of education system. Before technology if the students wants to know the time table of the examination and the syllabus of the examination .They need to the go to the required university and wait at the admin office after that they releases the exam details at the notice board. But in the upgrade technology the most of the education institutions has maintain as website they can upload all the details in the website. The website consists of the login id when we logged into the web they ask the registration number of the student. After completing all the required details the exam time table of the month gets displayed in the screen. From home they can able to check all the details within a less period of time. They can saves human effort and other certain things. If the students has an queries they can directly interact with the confab robot the input to the confab robot is given as the text and the text is converted into the machine language the confab robot can get the text, check the relevant answer to that of the queries and the confab robot gives a reply message on the screen. The data gets allocated in the data base with the help of sql they maintains the data [1].

Nirmala Shinde et.,al., proposed to deal about the use of the confab robot in the various fields . The confab robot can be used in the cine field, medical field, research area. The confab robot is mainly constructed by artificial intelligence and the sql. The confab robot get the queries of the user and it can search the relevant answer of the queries after fetching all the details of the queries the result is get published in the screen. The data which is stored in the database the mining technology has been used to fetches the output. The interaction between the human and the system is much effective and predominant. The real world communication is same as that of the human system interaction. They can use the various algorithm which can be applied in the network area which produces the better result. The AI can be become popular and in the future it rules the whole world [2].

Suprita Das et.,al., proposed the use of the technical development in the current world. The technology development is explained with the help of the example between the student and the professor. The universities schedule the monthly exam during the starting of the exam due to some natural disaster the colleges gets leave after the completion of the holidays the exam going to

held. To convey the exam details to the student they upload the time table and the syllabus of the exam in the official website of the college. The students want to enter the registration number in the web. After the system fetches the data from the database and display in the screen. If the students have any queries they can interact with the confab robot. It consist of the various information the professor uploads the data in which the students expect to ask. They can reply answer frequently to the students who ask the exam related question. They solve all the queries of the students [3].

Swanthana Susan et.,al., the interaction of the people in the medical field. Few years back people who goes suffered with some disease or felling unhealthy they directly went to the hospital and takes some time to meet the doctor. The token as been provided to each person till the token number has to come the patient has to wait. Keeping this unhealthy body they want to do some man power to watch the doctor. By using the confab robot technology they can finds a effective solution at a single place with less period of time. The patient wants to interact with the confab robot. It can ask various question whats your problem, what your age, and due you have vomit etc, like wise some question they will ask we want to reply to the question in a text manner or through the voice. The confab robot can get the data from the patient after that the details can be suggested of the data base. After gets verifying the details they gives the perception in which the antibiotic has to been taken at how long period of time. This process can takes a few minutes of time and it is more effective when compared with the previous method [4].

Sanket Thakare et.,al., proposed most of the people using the social media. During the use of the social accounts the people suffers some consequence at some stage in handling their personal accounts. So they directly contact the patron care of the official website. The social media cannot able to maintain the separate team to solve the queries because millions of people using the social network soothe technical team cant able to solve all the queries that can be generated by the people. So to solve the issues the official site releases the use confab robot technology if the people suffer from any technical fault they directly registered their queries the confab robot can respond to the queries and solve the problem with the better solution [5].

Wing Kwan Lo et.,al., proposed confab robot can not only applied to the particular path it can able to takes some decision. The decision can be taken by the number of people says to the which major thing based upon this the decision has been made. A scenario which the alumini students of the college going to arrange the reunion in some place at some date but the place and the date is not been confirmed till now. The all the members interact with the confab robot. They can ask the basic details and the time and the venue. Likewise all the people can enter the time and venue depends on their convenience. After

all the registration the confab robot generated the result with convenient to all of them. It deals the issue within a fraction of time with less human power [6].

Guanwen Mao et.,al., proposed use of the confab robot in various criteria it can involved in generating the better result and also in making the decision of the things that can be going to involved. The matching of the details in which the different peoples can have a variety of vision of a particular thing. The confab robot collects all the results in various prospective manner in last stage the compared results the most dominant result is to be gets allocated at the final sort of the confab robot. The Confab robot can be constructed by using the various algorithm and the languages. Ideal network theorem gets involved in the particular sort of the section in which the details gets allocated in the database of the confabrobot. The SQL can plays a major role in allocating the data in the cloud. The data gathering takes much lesser step in this sort of things [7].

U P Narendra et.,al., proposed scenario which the alumini students of the college going to arrange the reunion in some place at some date but the place and the date is not been confirmed till now. The all the members interact with the confab robot. They can ask the basic details and the time and the venue. Likewise all the people can enter the time and venue depends on their convenience. After all the registration the confab robot generated the result with convenient to all of them. During the use of the social accounts the people suffers some consequence at some stage in handling their personal accounts. So they directly contact the patron care of the official website. The social media cannot able to maintain the separate team to solve the queries because millions of people using the social network soothe technical team cant able to solve all the queries that can be generated by the people [8].

B S Pradeep et.,al., proposed that the use of the confab robot in the knowledge sharing technique . The confab robot consists of various part of section. The section have some questions when read the questions and reply the answer they shows the result which is correct and wrong and the description of the answer has been mentioned. The students who wants to improve the general thinking and then wants to improve the IQ power. They can improves the thinking of the human which can gives some work to the human brain in a limited period of time. the answer they shows the result which is correct and wrong and the description of the answer has been mentioned. The data fetches from the sets with the relevant output. The various task has been performed by them. The section have allocated a marks based upon the data which we can provided the marks get generated and the people mentality can be detected. The value can be assists as per the data gets entered in the data base [9].

Anushka Chawla et.,al., proposed that the confab robot using in the cloud sector. In which the data can be mentioned in the cloud. The data can be fetched as per the

details entered in the system. Education, medical, research field. The patron enters the details what they wants to ask to the professor or the doctor. The questions have been provided at the queries box in which it can evolved a better result at the screen. The input as been provided as the text the text message has been accepted and then the result is provided as the text. The data gets fetched from the mining technology and the data can be facilitate in the order of the previous algorithm mentioned in the various part of the section. The confab robot has been designed in the website when we enter into the website of the particular site the confab robot has been generated at the some space of the web [10].

3. Proposed Method of Patron Focused Ecommerce Site with AI Confabrobot

The current paper mainly shows about the interaction of the human with the systems. If we want to purchase any item we want to go to the shop and to buy the product it takes time and consume the human power. And we cannot able to buy the product any time we can able to purchase at some particular time. To overcome this today's world we are doing the online shopping at any time which can saves the time and energy. In addition to that if we have any queries we can easily interact with the system and clear the queries this can be achieved by the help of the confab robot . The confab robot the input is provided in the form of text and the text can accepted by it can found relevant answer by searching in the dataset and the output is provided in the form of text in the confab robot.

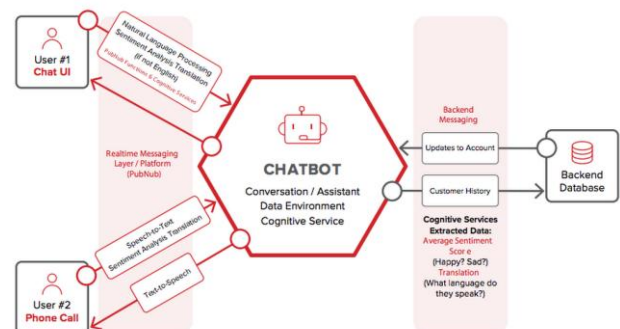


Figure 1: Chatbot Architecture

4. Results and Simulation

We are designing a chatbot system that will help in the process of fetching details from the customer who is selling goods. Each and every customers will have many doubts when buying a product. They can be easily got diverted when they talk to their friends or unknown persons. Most of the customers won't know the exact working of the products and they will directly get the product and will feel bad when using it. So to avoid such incidents we have designed a chatbot system which helps the customers in fetching good products.

User: Hello
Bot: Hello there. How can I help you?

User: Can you suggest a good phone?
Bot: Have you decided a budget?

User: 40,000.
Bot: Do you have a particular brand in mind?

User: I like Samsung Phones.
Bot: As per your requirements I suggest you checkout
[Galaxy Note 3, Galaxy S5....](#)

Figure 2: Sample Chatbot representation

5. Conclusion

We have implemented a chatbot system in E commerce website that will help the customers to have a conversation regarding their products with the corresponding manufacturers. By following this chatbot system it is easy for all customers to fetch the correct products according to their needs and parameters.

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