# **Introduction to Project :**

Conversational bots have a wide range of applications, and in recent years they have been developed for use in education. The ability to handle tens of thousands of questions and answers at the same time provides an alternative to teachers and lecturers who are facing a shortage of time and expertise. Chatbots have become more prevalent in recent years, and different types have emerged for different purposes. Non-deterministic or evolving (dynamic) chatbots have a learning component that allows them to take past interactions and outcomes and alter their behavior when they meet the same situation. Dialogflow may be a tongue-understanding platform that creates it easy to style and integrate a conversational interface into your mobile app, web application, device, bot, interactive voice response system, and so on. Using Dialogflow, you'll provide new and interesting ways for users to interact together with your product. Dialogflow can analyze multiple sorts of input from your customers, including text or audio inputs (like from a phone or voice recording). It also can answer your customers in a few ways, either through text or with synthetic speech.

# **Objectives of the Project :**

Objective is to facilitate the student and the upcoming generation knowing about the best college or the university without going through many different website getting everything on one platform. Looking onto the today's framework and the confusion raised in the mind of students regarding the best colleges or universities for their respective courses this chatbot come website has been designed to overcome this problem or the confusion from the mind of the upcoming engineers, CA, and many more. Another important objective to develop the College Enquiry Chatbot is to avoid going through many website this will take the user directly to the right page or official website of the college or university

# **Scope of the Project**

The college enquiry chatbot project is developed exploitation algorithms that analyze user queries and perceive user message. The program responds to the student’s question with the assistance of algorithms.To facilitate the student and the upcoming generation knowing about the best college or the university without going through many different website getting everything on one platform. Looking onto the today's framework and the confusion raised in the mind of students regarding the best colleges or universities for their respective courses this chatbot come website has been designed to overcome this problem or the confusion from the mind of the upcoming engineers, CA, and many more. Another important objective to develop the College Enquiry Chat bot is to avoid going through many website this will take the user directly to the right page or official website of the college or university

# **Gaps of Existing System :**

Instead to visiting lots of website to search for a particular information one can visit college inquiry chat-bot and can get all the minor info they need . With the help of chat-bot they can ask their queries . Random asked questions is already been added to chat-bot . Further as we know while visiting many website to get exact info we need to wonder so many website and while doing this we waste lots of our precious time spending it on opening website which don’t even need many advertisement which we don’t need so college enquiry is hustle free and easy to operate by anyone . It is developed keeping in mind all the constraints faced by students .

# **Features of the Project** :

* Uniqueness is the chat bot will have a website which will work like an encyclopedia of the colleges and university information i.e. College Wikipedia.
* Looking onto the technological point of view, a chatbot only represents the natural evolution of a Question Answering system leveraging Natural Language Processing (NLP). Formulating responses to questions in natural language is one of the most typical Examples of Natural Language Processing applied in various enterprises’ end-use applications.
* How a Chat bot Works: As you can see in this graphic, a chatbot returns a response based on input from a user. This process may look simple; in practice, things are quite complex.
* In chat bot we have tried to include as much as random questions asked by students as many as we can in the chat bot to clear queries in no time . Chat bot is easy to use and understand.
* This project is built keeping in mind the importance of time in students life . Info provided in this website is accurate . Without wasting much time searching and scrolling website our website will provide all the information related colleges- includes reviews , college images and much more !

**6 . Test Cases ➢** Functionality Testing Verified that there is no dead page or invalid redirects. Verified the working of the system. Verified data safety.

➢ Interface testing Performed to verify the interface and the data flow from one system to another like different windows and phones.

➢ Performance testing Load testing-checked by opening all the posts at the same time and it's working. Stress testing-checked the limits of the website till which it can handle stress.

**7.Comparative Analysis**

When we compare our project ( Chatbot ) with other projects currently available in the market we were able to observe that - We have designed our chatbot so that the user does not have to scroll down each time he wants to access the chatbot / has any queries, our chatbot (let’s talk) will follow the user’s mouse cursor and adjust its position according to that at the bottom of the screen, meanwhile other chatbots available in the market are always at the end of the website.

**8.Future Scope & Further Enhancement** of the project One of the combination s streams that were at first considered during improvement was to coordinate the chatbot with the Facebook Messenger administration, notwithstanding, during advancement, it was exposed through late media occasions, for example, the Cambridge Analytica. a. Chatbots allow you to communicate with your users without hiring people and paying them.

b. communication with chatbots is practically brought to the level of human conversation. c. chatbots get smarter with time. d. The more conversations they take, the smarter they get e. Chatbot applications streamline interactions between people and services, enhancing customer experience. f. They offer companies new opportunities to improve the customer's engagement process g. Operational efficiency by reducing the typical cost of customer service h. A chatbot is a programmed chat interface a website visitor can interact with. i. They are programmed to closely mimic human behavior and interact with the website visitor conversationally. j. Chances are, you've used a live chat tool on a website. k. Chatbots can be programmed to respond the same way each time, to respond differently to messages containing certain keywords, and even to use machine learning to adapt their responses to fit the situation. From noticing the clients cooperate with the chatbot during client testing, there were various ideas to incorporate the chatbot across other famous stages like Amazon Echo or Dab, this would expand the accessibility of the chatbot and the incorporation of the DialogFlow API permit the chatbot to be handily traded to Amazon Alexa.

**9.Bibliography (APA Format**)

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