College Enquiry Chatbot

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Abstract

Students have to visit colleges to get various information like College fees, Term Schedule, academic calendar, etc.This process is very tedious and time consuming, also it requires manpower in providing required information to visitors. A chatbot is the best tool which provides quick way to interact with the users. It is very helpful to the users as it allows to enter questions in natural language and desired information is obtained easily to the user. The project deals with user's request in form of question-based message and processes it to deliver a desired response in form of message. It avoids the process of visiting colleges and gathering related information as per the needs, as it is time consuming. The project uses the concept of Natural Language processing (NLP) in Artificial Intelligence (AI). PHP Language is utilized for the development of Chatbot. User can ask College-related questions, then the query is applied as an input to algorithm, which processes the message and displays the corresponding response to the user.

Objectives

◎ To create a interactive Chatbot using Natural Language Processing (NLP) in Artificial Intelligence (AI).

◎ To assist the students regarding college academic calendar , college fees, college time table, etc.

◎ To give students information about ongoing events and activities in college.

◎ To provide 24/7 assistance for students queries.

Benefits for society

- Chatbots will continue to operate every day throughout the year without requiring to take a break thus requiring less manpower.

- Chatbots on the other hand can simultaneously have conversations with thousands of people at anytime of the day.

- Humans react to others based on their mood and emotions.Whereas chatbots are bound by some rules, resulting them to treat a customer in the most polite and perfect way.

- Chatbots can do repetitive tasks without errors unlike humans.This helps people save time and increase productivity