College Chat-bot

The College bot project is built using artificial algorithms that analyses user's queries and understand user's message. This System is a web application which provides answer to the query of the student. Students just have to query through the bot which is used for chatting. The answers are appropriate what the user queries. If the answer found to invalid, user just need to select the invalid answer button which will notify the admin about the incorrect answer. Admin can view invalid answer through portal via login. System allows admin to delete the invalid answer or to add a specific answer of that equivalent question. The User can query any college related activities through the system. The user does not have to personally go to the college for enquiry. The System analyzes the question and then answers to the user. The system answers to the query as if it is answered by the person. With the help of artificial intelligence, the system answers the query asked by the students. The system replies using an effective Graphical user interface which implies that as if a real person is talking to the user. The user can query about the college related activities through online with the help of this web application. This system helps the student to be updated about the college activities.

EXISTING SYSTEM:

Chat-bots are program that interact with humans using natural language. Chatbots are used in many organizational domains where it can replace humans. In the existing systems, more manual effort is needed for the system to run in a perfect manner. Enquiries about the college should be asked to a staff or any other officials. Some of the disadvantages of this system are:

1. It takes more manpower
2. It takes much time
3. Sometime the enquiry results may be wrong

PROPOSED SYSTEM:

Proposed system is an interactive chatbot for College related Frequently Asked Questions (FAQs. User discussion as a rule begins with welcome or general questions. User inquiries are first taken care and is replied. This operation is divided into parts: • User post the query on chatbot • Processing is done on the users query to match the predefined format by the developer. Finally answer is presented to the user to answer their query. This system presents the chatbot for educational sector, where user (a student or parents) can ask query regarding college admission, about college information and other things related to academics. User does not have to go personally to college office for the enquiry. This application enables the students to be updated with college cultural activities.

MODULE DESCRIPTION:

The different modules included in this system are,

- ADMIN
- STAFF
- STUDENT
- CHATBOT

ADMIN:

- ✓ Department Registration
- ✓ Course Registration
- ✓ Staff Registration
- ✓ Club Registration
- ✓ Sent Notification

- ✓ View Complaints

STAFF:

- ✓ Student Registration
- ✓ Add Syllabus
- ✓ Add attendance
- ✓ Add Internal marks
- ✓ Other Notifications (Exam, Admission)
- ✓ Publish Result

STUDENT:

- ✓ View Internal marks
- ✓ View attendance
- ✓ View syllabus
- ✓ Add notifications
- ✓ Add complaint
- ✓ Chat-bot

CHATBOT:

- ✓ Notifications (Exam, Admission)
- ✓ Result
- ✓ Department
- ✓ Staff

✓ Course

REQUREMENT SPECIFICATON:

Functional Requirements: The H/W Requirements

- Hardware: 32bit Processor
- Speed: 2.53 GHz
- RAM: 4GB
- Hard Disk: 20 GB
- Key Board: Standard Windows Keyboard
- Mouse: Two or Three Button Mouse
- Monitor: SVGA
- Digital Camera
- Fingerprint Scanner

S/w Requirement:

• Operating System: Windows 7/8/XP

• Technology: Python

• Database: MySQL