**STUDENT ASSISTANT BOT**

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**Abstract:-**

As we all know that we are living in 21st century, the technological age, there are many different things which helps in some way or another. Even we all know that robots are being developed and even are being used in many companies. Butsometimes we all need is a **Bot** which can help us in fetching information, even can help us in ordering something or some kind of suggestions, etc. We can even see many ChatBot applications like “Chatbot”, “Virtual Talk”, and many more. But applications like this need an installation of the application. Even these applications are just to have some kind of timepass or just to chat with the bot. This gives a drawback that we cannot find the proper information of things we want. Moreover it is not social based, due to which we cannot share things we want to with others. In particular Chatbot application, we can just chat with the bot. So to overcome this problem, we decided to develop the Chatbot in a social application called “WhatApp”. As in today’s age, we all know , WhatsApp is one of the most used Social application for chatting and sharing information.

**Introduction:-**

So keeping this all in mind, we have developed the Chatbot in the WhatsApp application which will be very reliable to many users of it. Particularly this chatbot is made for the students and their parents to get the information of their school, college things. By this Chatbot, student can get their information like name of the particular Roll ID, Attendance, CGPA.

So by this, even parents will be able to get their children information, they do not need to call to the class teacher for his/her performance. They can directly get the information using Chatbot in WhatsApp application. This will be very helpful for parents so they can see behind their child.

**Brief Overview And Module:-**

Firstly we all need to search for the Student Assistant Bot in WhatsApp, or can be used by clicking on the link shared by the school, college according to their database. In the Student Assistant Bot, they just need to type the roll ID to get the info of the student.

**How It Work:-**

* It is whatapp bot.
* Authentication is done through your mobile number and college id link to it.
* After authentication you can ask your marks, attendance , status of fee to bot.
* Once session expired you have to re authenticate yourself.

**Requirements:-**

**Hardware:**

To build the project, a PC with a minimum of i3 core processor with 4GB ram is required.

**Software:**

* Twilio Sandbox to get business whatapp
* whatapp
* Ngrok server to generate url
* Python library: flask, sql, emojis,twilio
* MySql database

**Features:-**

* Easy to use on social platform.
* No installation of the special application for using this bot.
* Built in the WhastApp application so they can even chat with others along with the bot.
* They can get all the information they want of the particular student
* Every parent can see behind their child.
* No need to call anyone for the personal information of the student.

**Conclusion:**

Recently all business and company have there own whatapp bot to interact with there customers so less effort is there. So this bot also useful for student who want exam result, marksheet fee receipt and many more easily. They don’t have to check result on website or ask faculty.

**References:**

[**https://www.twilio.com/**](https://www.twilio.com/)

[**https://www.youtube.com/watch?v=BKK5NMDC0fk&list=PLRP\_DBSwlSXo106namEUG-dA4Jl8\_nbJJ&index=1&t=501s**](https://www.youtube.com/watch?v=BKK5NMDC0fk&list=PLRP_DBSwlSXo106namEUG-dA4Jl8_nbJJ&index=1&t=501s)

[**https://www.youtube.com/watch?v=hQl2wyJvK5k&t=538s**](https://www.youtube.com/watch?v=hQl2wyJvK5k&t=538s)