

TAG PRESENTS

GBUDDY

OUR OWN CHATBOT ISN'T IT
INTERESTING?

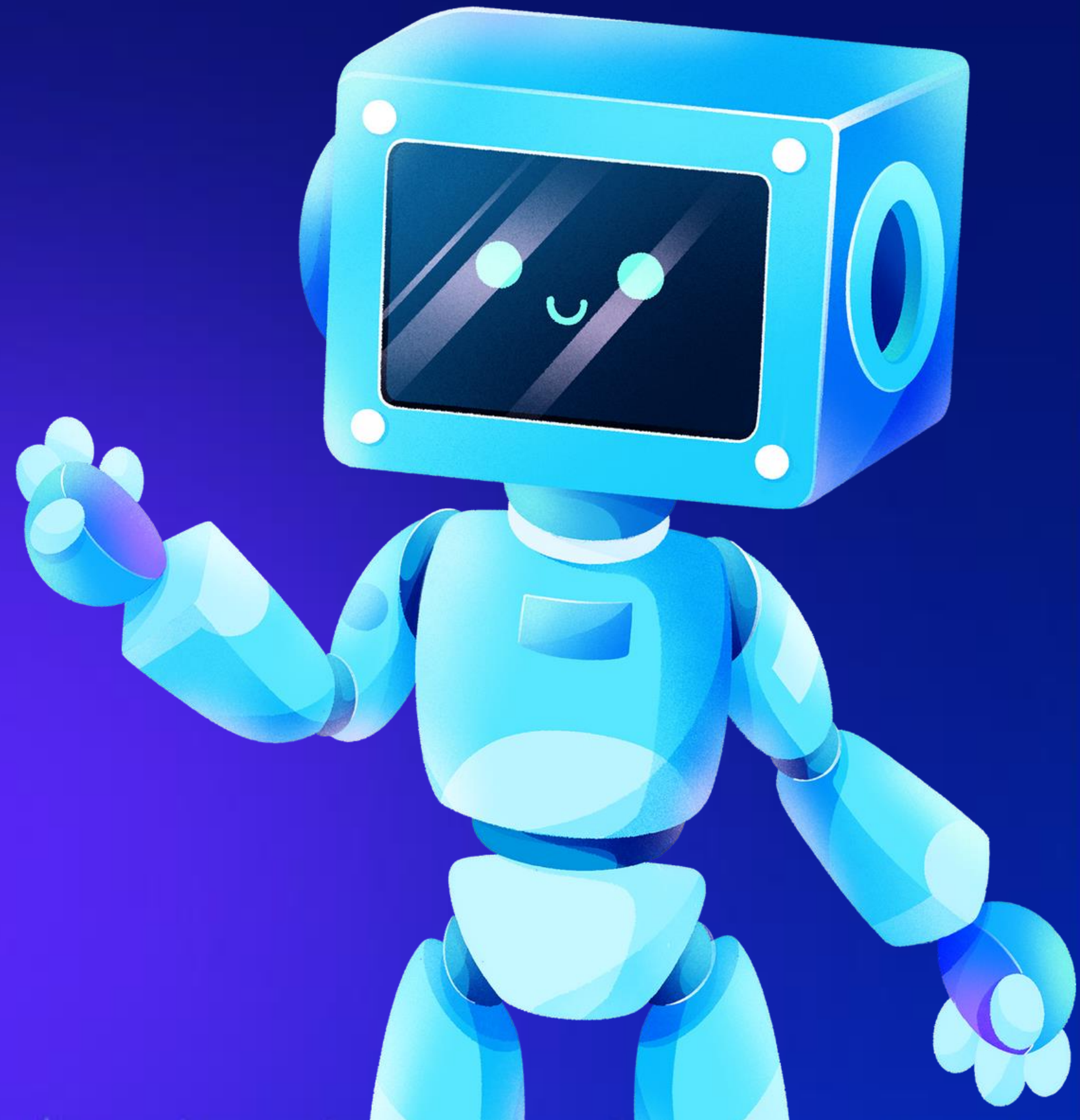




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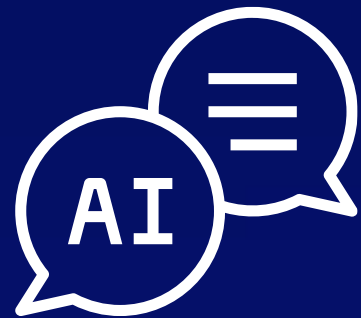
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INTRODUCTION

Welcome to **GBuddy**, your all-in-one guide to everything Galgotias! Whether you're a curious newbie, a seasoned student, or just someone who loves staying in the loop, GBuddy is here to make your campus journey smoother and more exciting. Our fun and interactive chatbot brings you the news, tips, and insider info, from academic insights to the best hangout spots. Ready to explore the vibrant world of Galgotias with a sprinkle of fun? Let's dive into the buzz and discover the magic of our campus together!





WHY DO WE NEED GBUDDY?

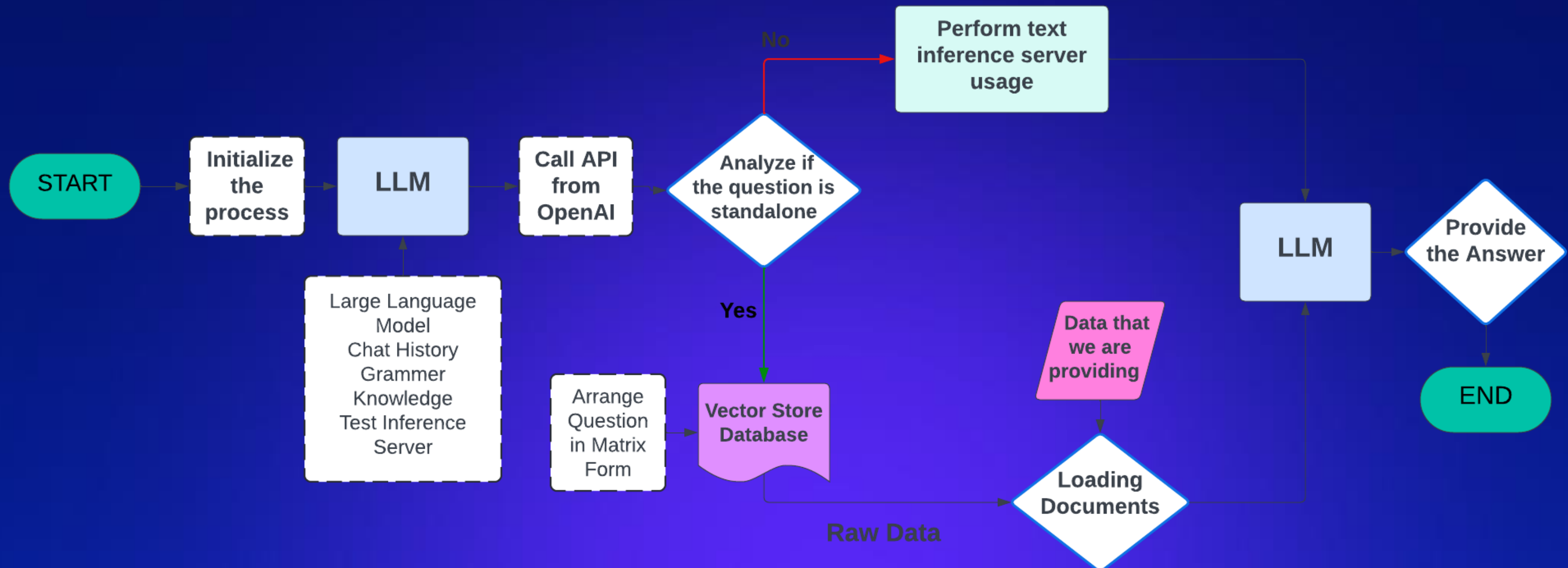
COLLEGE LIFE IS FULL OF QUESTIONS, FROM ADMISSIONS TO EVENTS. GBUDDY IS HERE TO MAKE IT FUN AND EASY, PROVIDING QUICK ANSWERS ABOUT SCHOLARSHIPS, FEES, CLUBS, FACILITIES, AND MORE. THINK OF IT AS YOUR FRIENDLY CAMPUS COMPANION, READY TO HELP YOU NAVIGATE ALL THE TWISTS AND TURNS OF COLLEGE LIFE WITH A SMILE!



ALGORITHM

1. Input Handling: Capture user input.
2. Preprocessing of user's input: Cleaning and preprocessing will prepare raw text data for analysis and model training that will helps in standardizing the text data, reducing complexity, and extracting meaningful features
3. Intent Detection: Use an NLP model to detect the user's intent. NLP model is a type of artificial intelligence designed to understand, interpret, and generate human language.
4. Entity Extraction: Extract relevant entities from the input.
 - > Bag of Words (BoW): Representing text as a set of word counts.
 - > TF-IDF (Term Frequency-Inverse Document Frequency): Weighing words based on their importance.
5. Response Generation:
 - Rule-Based: Use predefined rules to generate responses.
 - Retrieval-Based: Retrieve the most appropriate response from a set of predefined responses.
 - Generative-Based: Generate responses using a language model.
6. Output Handling: Send the response back to the user.

FLOWCHART



ADVANTAGES OF GBUDDY

IMMEDIATE RESPONSE

Provides students with instant answers to their queries

24/7 AVAILABILITY

Accessible any time, offering continuous support even outside regular office hours

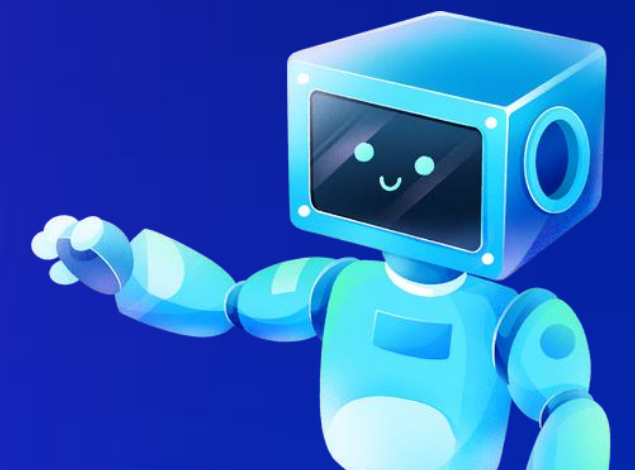


USER-FRIENDLY

Easy to use interface for students, simplifying their access to information

REDUCE WORKLOAD

Minimizes the administrative burden by addressing common questions automatically.



ENHANCED ACCURACY

Ensures that all students receive the same, accurate information

SAMPLES



Meet G-Buddy

Your Ultimate College Companion!!

[CLICK HERE](#)

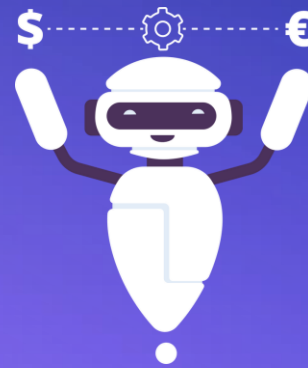


NUT & BOLTS



OPENAI

OpenAI is known for its advanced language models, such as GPT-3 and GPT-4, which are capable of understanding and generating human-like text



LLM

A Large Language Model (LLM) is a type of artificial intelligence designed to understand and generate human language




VOICE FLOW

Voice Flow is a platform that enables users to design, prototype, and build conversational voice applications without needing to code

A close-up photograph of a person's hand reaching out towards a robotic hand. The person's hand is in the foreground, slightly out of focus, while the robotic hand is in the background, more in focus. The background is dark with blue and purple lighting. The robotic hand has a complex, articulated design with visible joints and sensors.

CONCLUSION

Implementing a chatbot is crucial for enhancing the student experience and streamlining administrative tasks. The chatbot offers instant, 24/7 support, providing accurate and consistent information. This technology reduces administrative workload, improves resource efficiency, and fosters a more connected and informed campus community, ultimately leading to higher student satisfaction and success.

A stylized, blue, 3D-rendered robotic hand. It has a sleek, modern design with visible joints and segments. The hand is positioned in the bottom right corner of the slide, with the palm facing upwards and slightly towards the left.

TEAM MEMBERS



MANAS MISHRA



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ARYAN RAJ



MOHIT TIWARI

THANK YOU!

