INTEGRATION OF CHATGPT WITH WHATSAPP

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Abstract

This project aims to bridge the capabilities of OpenAI's ChatGPT with the functionalities of WhatsApp, enabling users to interact seamlessly with an AI-powered conversational agent within the familiar environment of the messaging app. The integration involves leveraging APIs, natural language processing techniques, and backend systems to facilitate real-time communication between ChatGPT and WhatsApp users. The project aims to enhance user experience, offer personalized assistance, and provide valuable insights into the potential applications of AI-powered chatbots within messaging platforms.

Innovation & Impact

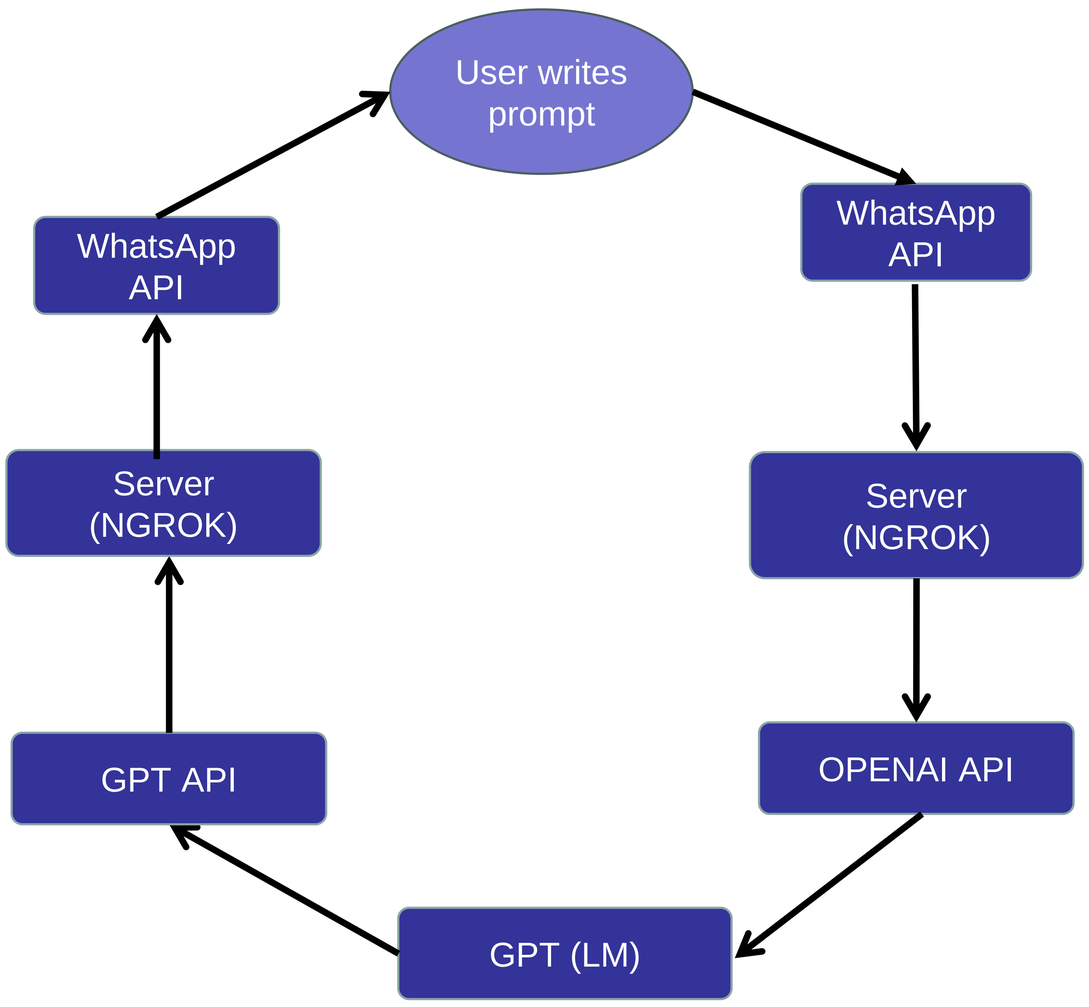
INNOVATION:

- Seamless Conversational Experience.
- Real-Time AI interaction.
- Personalized Assistance.
- Data Collection.
- User Empowerment through AI

IMPACT:

- From answering queries to suggesting solutions, it could enhance user experience by catering to individual needs.
- Integration might open doors for innovative marketing strategies, interactive customer engagement, and data collection,

Use Cases | Functional Workflow



Language(s) | API(s) | Technology Stack

LANGUAGE USED: Python

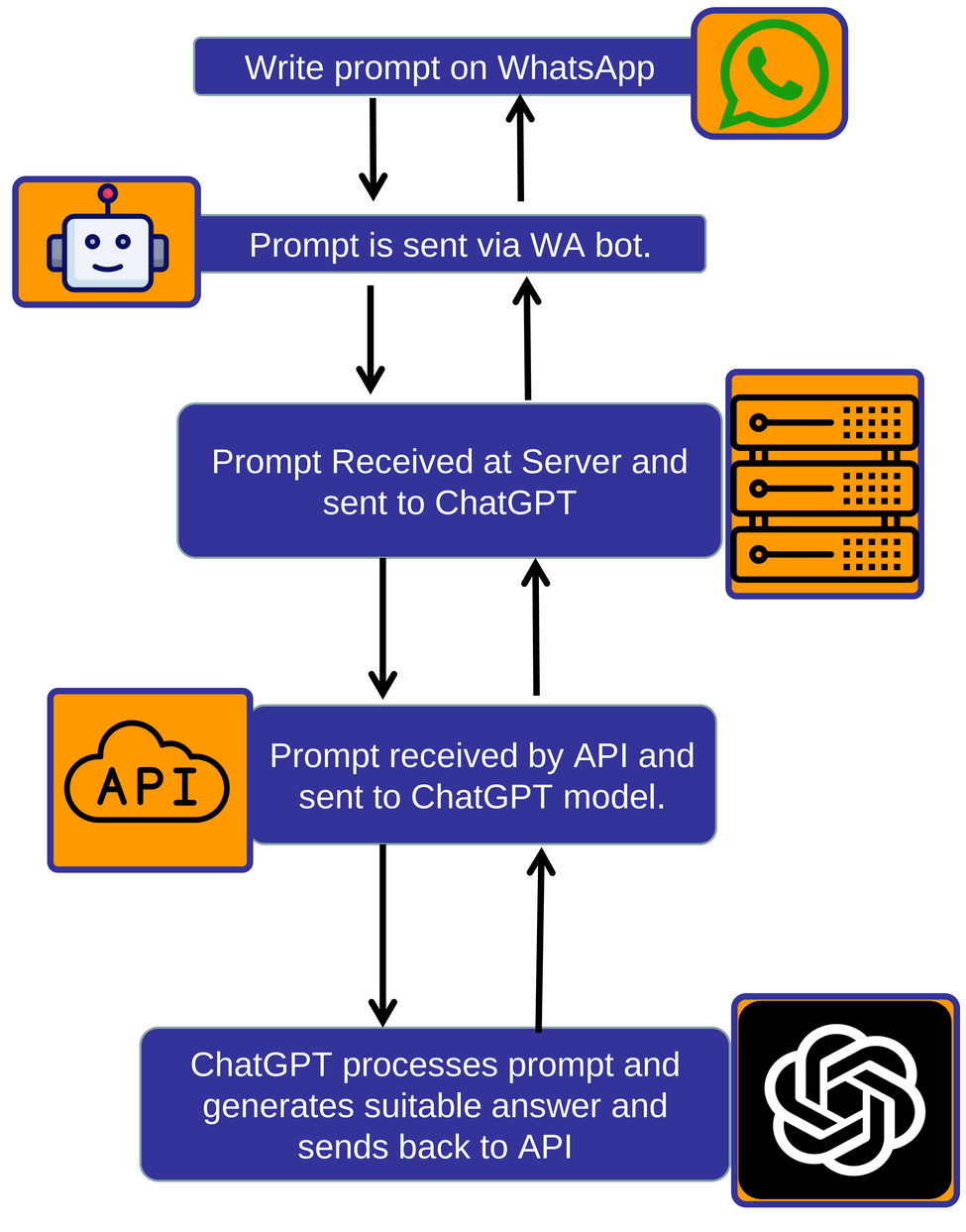
API(S):

- OPENAI
- WhatsApp API

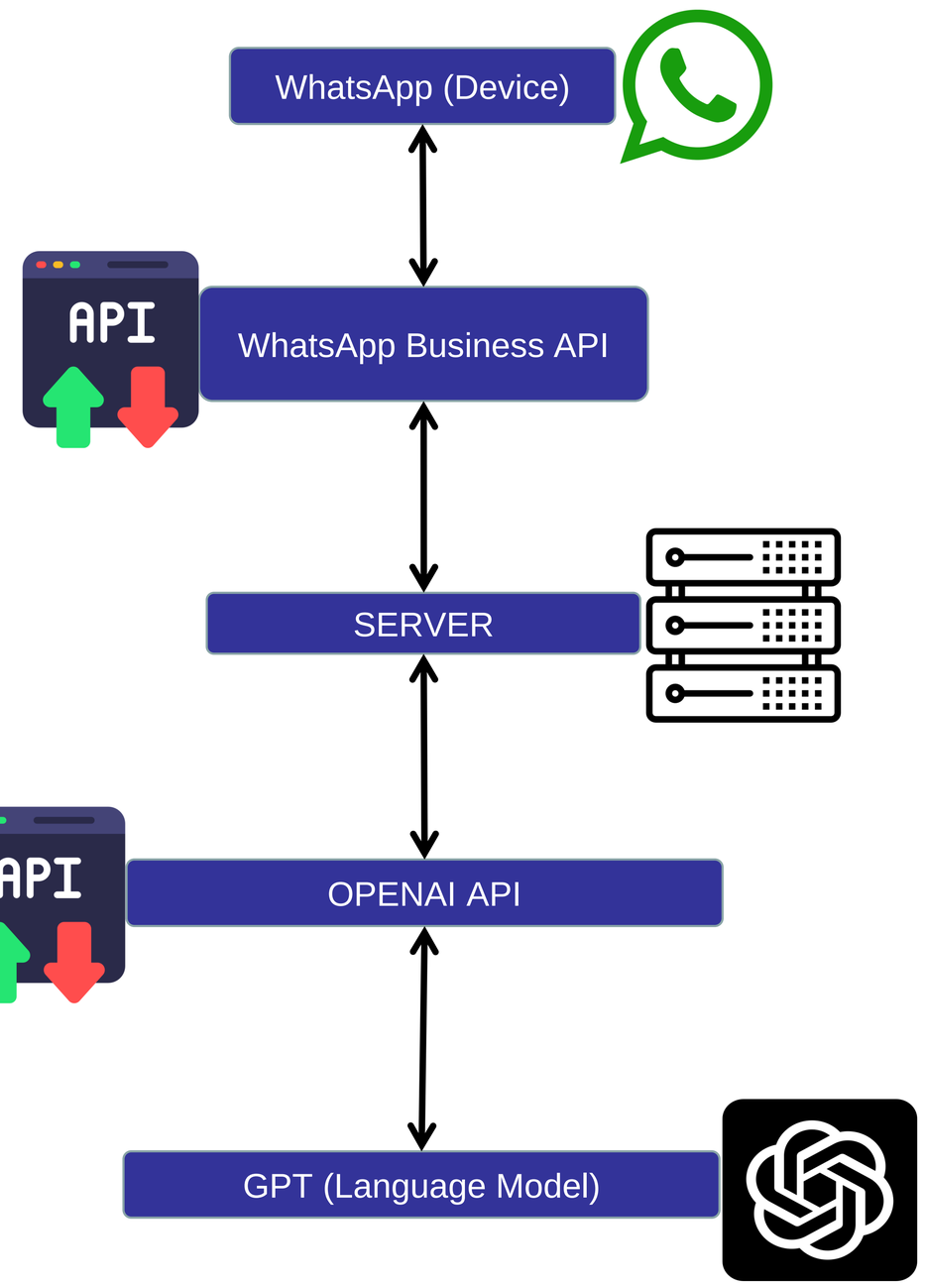
TECHNOLOGIES:

- NGROK
- Twilio

Entity Relationship Diagram / Data Processing workflow



Architecture Diagram



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