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RESTROBOT

Your friendly and hospitable restaurant chatbot



TEAM : BYTE LOADERS

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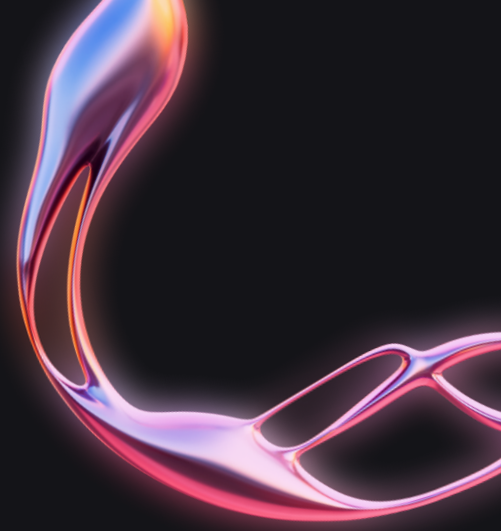
Technical Experience of team member 1: Beginner

Technical Experience of team member 2: Beginner

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INTRODUCING AN AI BASED CHATBOT FOR YOUR RESTAURANT



PROBLEM STATEMENT DETAILS:

PS NO. : 08 TOPIC: Develop a chatbot for a restaurant

THEME: Python

Key Features:

- Intent recognition
- Entity extraction
- Sentiment analysis
- Providing suggestions and options for bookings/payments

Techstack Used:



Approach:

The objective of this AI chatbot is to act as a tender to customer's needs, which include take-outs, reservations, types of meals, etc. The chatbot will use Natural Language Processing techniques to understand and process user input. This includes intent recognition, entity extraction, and sentiment analysis, and enables it to interact as a human. It will also be provided with relevant data to enhance its understanding and interaction and provide the best user experience. Chatbot will be integrated with the restaurant's website and social networks such as WhatsApp for users' convenience. It will also be combined with reservation systems, and payment gateways for hassle-free bookings and payments.

Work Flow Model

