

SYNOPSIS

CHATBOT – PIZZA ORDERING

1.Scope -

The Proposed chatbot will be useful in easy handling a pizza restaurant app . This chatbot will help a customer to order a pizza using a text or voice based chat . The customer will also be able to search for different variety of pizza options available using the chat console . The customer can also apply the coupons and then calculate the total payable amount for the pizza .

2.Technology Stack -

1. spyder :

It is an open source cross-platform IDE for scientific programming in python language . It includes editing , interactive testing and debugging .

2. Tensorflow:

Tensorflow is a python library that is used for quick numerical computing . It was created by Google . It is mainly used for classification , prediction and perception .

3. NLP(Natural Language Processing):

Natural Language Processing applies algorithms that are useful in identifying and extracting the natural language rules which helps in humans to computer interaction in more humanely communication .

4. Android Studio :

It is an IDE that can be used in developing and android application .

3.Benefits For Society -

1. Accessible anytime:

More time is been wasted till operators connect customers to a customer care executive. They are replacing live chat and other forms of slower contact methods such as emails and phone calls.

2. Handling Capacity:

Unlike humans who can only communicate with one human at a time, chat bots can simultaneously have conversations with thousands of people. No matter what time of the day it is or how many people are contacting you, every single one of them will be answered immediately.

4.Applications -

1. Content delivery:

A lot of publishers are also harnessing AI and machine learning technology within their chatbots to anticipate what content their consumers may be interested in.

2. Book Flights:

Chatbot gives their customers the ability to search for and book flights in a text-based conversational manner. Instead of drop-down menus, customers enter the information themselves.

3. Companionship:

A Russian company has developed its companion chatbot for Senior People and Patients with Alzheimer's Disease. The primary function of the chatbot is to be a virtual companion – To speak with senior people on general topics like the weather, nature, hobbies, movies, music, news, etc.

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