Project Work on

"Pizza Chatbot Development"

Using

Azure QnA Maker Service

Submitted by

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Submitted to

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Problem Statement

Develop a chatbot for **Pizza** which greets the customer and provides the menu to choose from the given menu and it should also mention the parcel services will be soon coming.

Problem Description

Developing a Chatbot using Azure QnA Maker service and developed this for a pizza restaurant which greets and communicates with customer and provide them the menu and takes the order. When the customer checks about the parcel service it says that the facility is coming soon.

Input

Below are the few training phrases for validating the bot:
Intents: **Training Phrases**
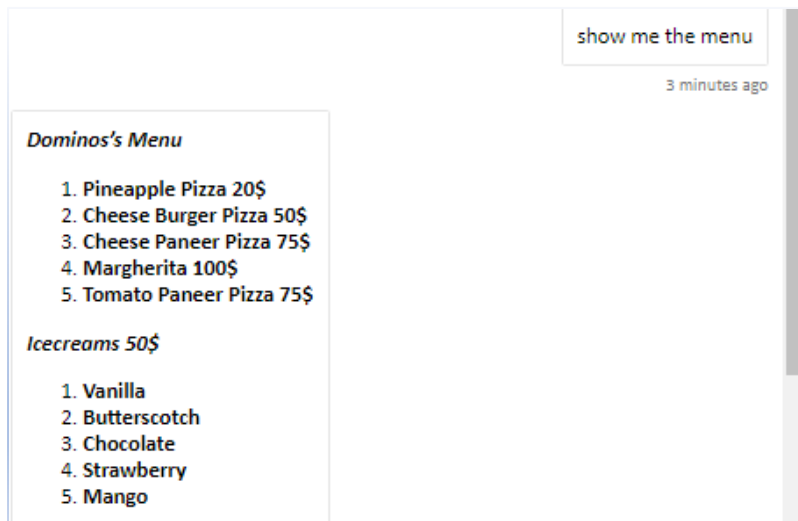greetings: Hello
showMenu: Can you please show me the menu of your restaurant?
itemCost: How much does Pizza Mania cost?
orderStatus: When will I get my order?
provideParcel: Do you provide parcels now?

Output

Cakes 50$

1. **Chocolate Cake**
2. **Strawberry Cake**

Garlic Bread 75$

Pizza Mania 200$

1. **Tomato**
2. **Onions**
3. **Panner**
4. **Golden Corn**
5. **Pineapple**

How much does Pizza Mania cost?

Just now

Its costs 200 US Dollars and we don't have any discount price on this item at this time.

When will I get my order?

Just now

You will be getting your order within 45 mins after your payment to any item on this menu.
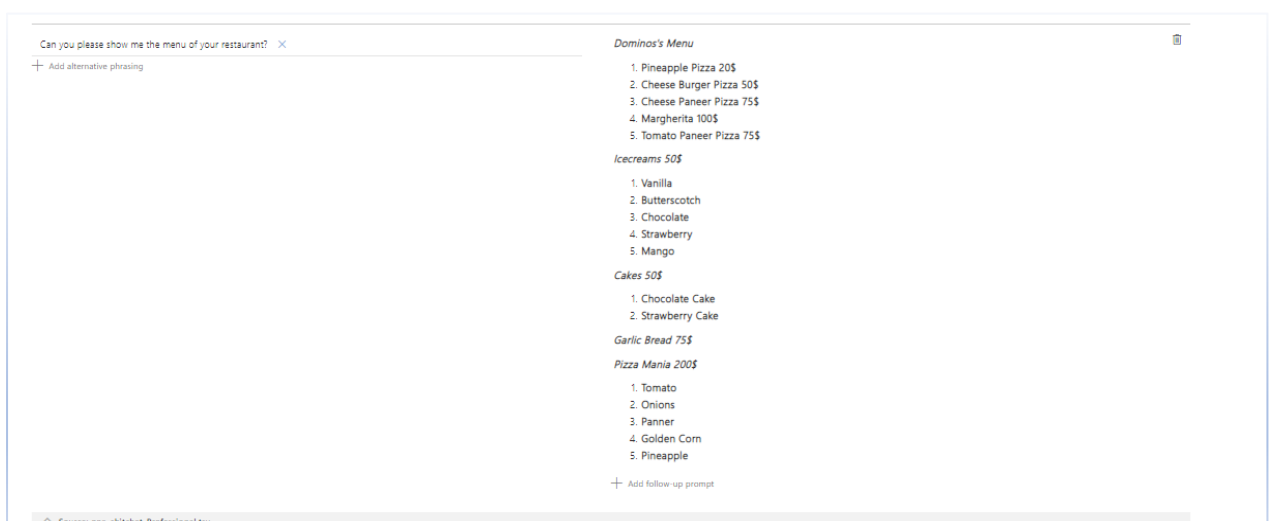
Do you provide parcels now?

Just now

There is **NO** parcels facility in this restaurant. We are bringing this parcels facility to our restaurant soon. Have a Good Day, please visit again to our restaurant.

Process

README.md file given in GitHub has the required information and some of the screenshots below.

Can you please show me the menu of your restaurant? ✕

+ Add alternative phrasing

Dominos's Menu

1. Pineapple Pizza 20$
2. Cheese Burger Pizza 50$
3. Cheese Paneer Pizza 75$
4. Margherita 100$
5. Tomato Paneer Pizza 75$

Icecreams 50$

1. Vanilla
2. Butterscotch
3. Chocolate
4. Strawberry
5. Mango

Cakes 50$

1. Chocolate Cake
2. Strawberry Cake

Garlic Bread 75$

Pizza Mania 200$

1. Tomato
2. Onions
3. Panner
4. Golden Corn
5. Pineapple

+ Add follow-up prompt

Source: qna_chitchat_Professional.tsv

Question	Answer
Source: Editorial	
Do you provide parcels now? ✕ + Add alternative phrasing	There is **NO** parcels facility in this restaurant. We are bringing this parcels facility to our restaurant soon. Have a Good Day, please visit again to our restaurant. + Add follow-up prompt
When will I get my order? ✕ + Add alternative phrasing	You will be getting your order within 45 mins after your payment to any item on this menu. + Add follow-up prompt
How much does Pizza Mania costs? ✕ + Add alternative phrasing	Its costs 200 US Dollars and we don't have any discount price on this item at this time. + Add follow-up prompt

Code link

- ✓ **GitHub URL: https://github.com/sasidhara-kashyap0903/PizzaBot-azure-master**
- ✓ **Demo URL: https://dev.botframework.com/**
- ✓

Account ID

- ✓ **Git Hub ID:** sasidhara-kashyap0903
- ✓ **Azure Account ID:** sasidhara.kashyap@gmail.com

Technologies / Tools Used

- ✓ **Azure QnA Maker Service**
- ✓ **Git Hub**
- ✓ **Microsoft Office**
- ✓ **Microsoft Visual Studio**

My sincere thanks to Microsoft for an impressive QnA Maker service on MS Azure Cloud to make the chatbot development easy. It was a wonderful experience learning this and would like to explore more in next two years of my B.Tech. Sincere appreciation to Team of Future Ready Talent who supported and encouraged us to work on this project.