Chatbot To Shop For Essentials During Pandemic Using Watson Assistant

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Project Description:

Today, because of social distancing and other issues it can be risky for some people to shop for essential items in person. This project helps with this issue by giving people an online option to shop for essentials. With the help of Watson assistant, a chatbot is built. This chat should have the following capabilities:

1. Give the list of items in the Store
2. Should show the prices of vegetables
3. Display if there are any offers or discounts
4. The bot should be able to take details like name, contact number, address, and the items to place the order.

Services Used:

IBM Watson Assistant:Watson Assistant is a conversation AI platform that helps you provide customers with fast, straightforward and accurate answers to their questions, across any application, device or channel. By automating responses to common inquiries, Watson Assistant reduces the burden on your agents and the risk of disruption during peak times. This lets your agents focus on complex use cases – not

repetitive responses – and helps customers resolve issues day or night.

Most chatbots try to mimic human interactions, frustrating customers when a misunderstanding arises. Watson Assistant is more than a chatbot. It knows when to search for an answer from a knowledge base, when to ask for clarity and when to direct users to a human. And since it can be deployed in any cloud or on-premises environment – smarter AI is finally available wherever you need it.
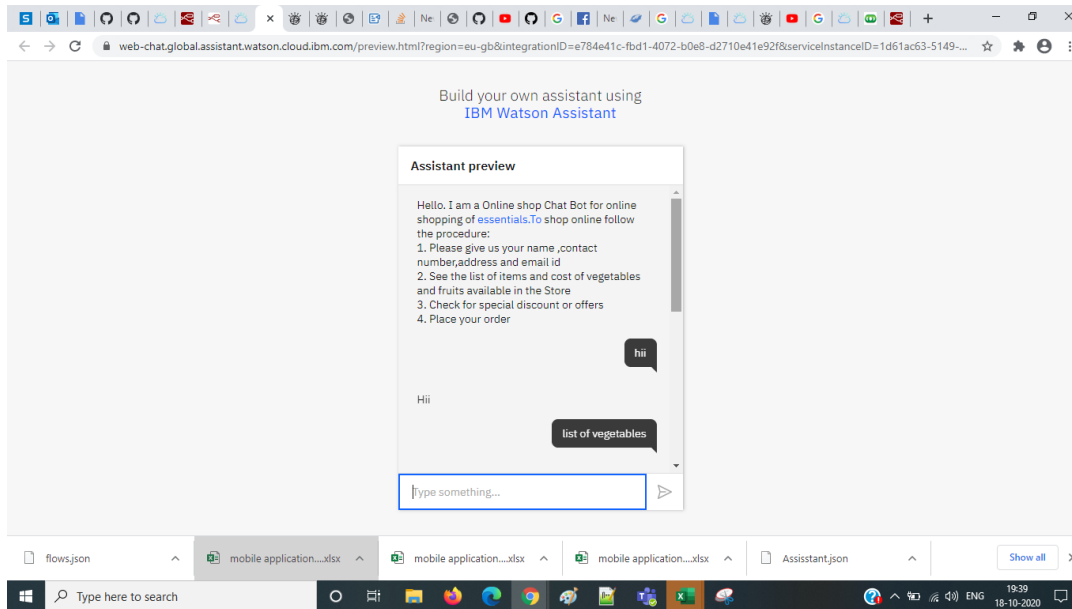
2.Node-Red:Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.
It provides a browser-based editor that makes it easy to wire together flows using the wide range of nodes in the palette that can be deployed to its runtime in a single-click.
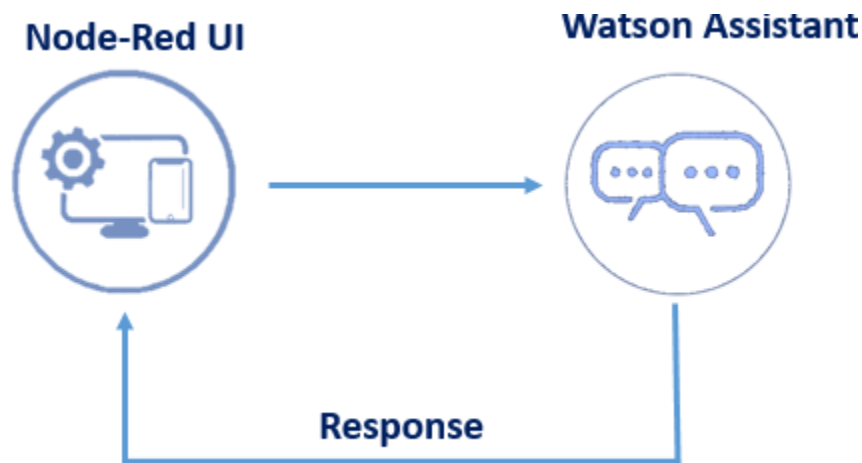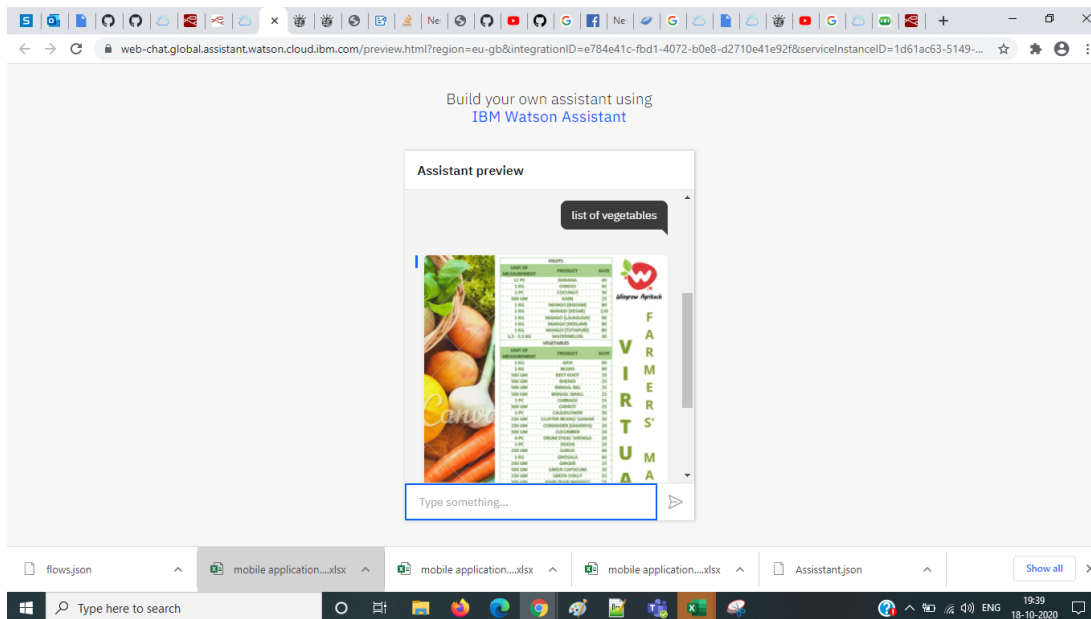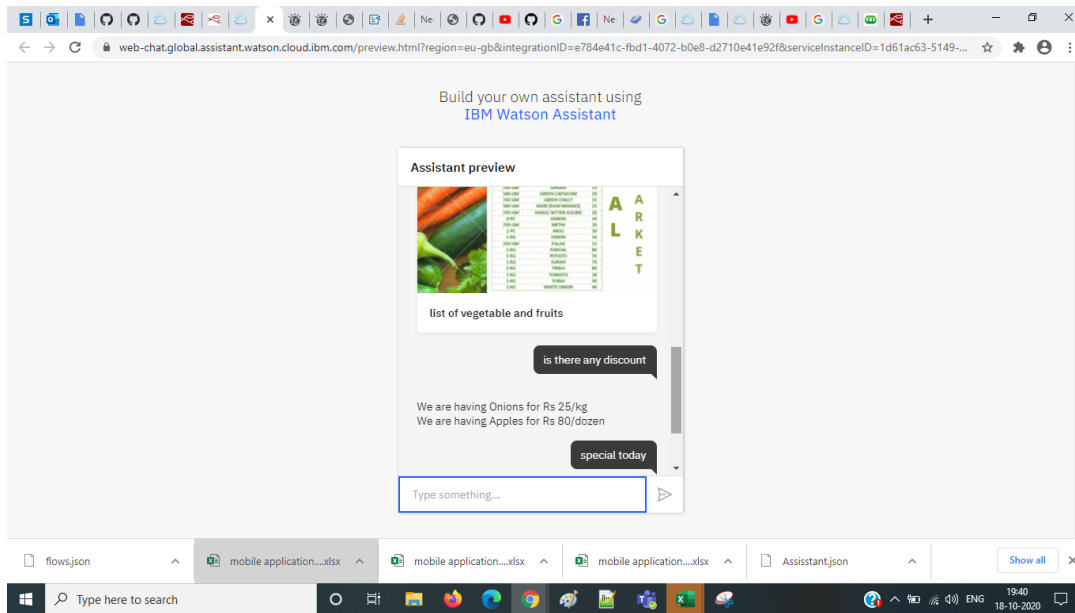

ScreenShot:
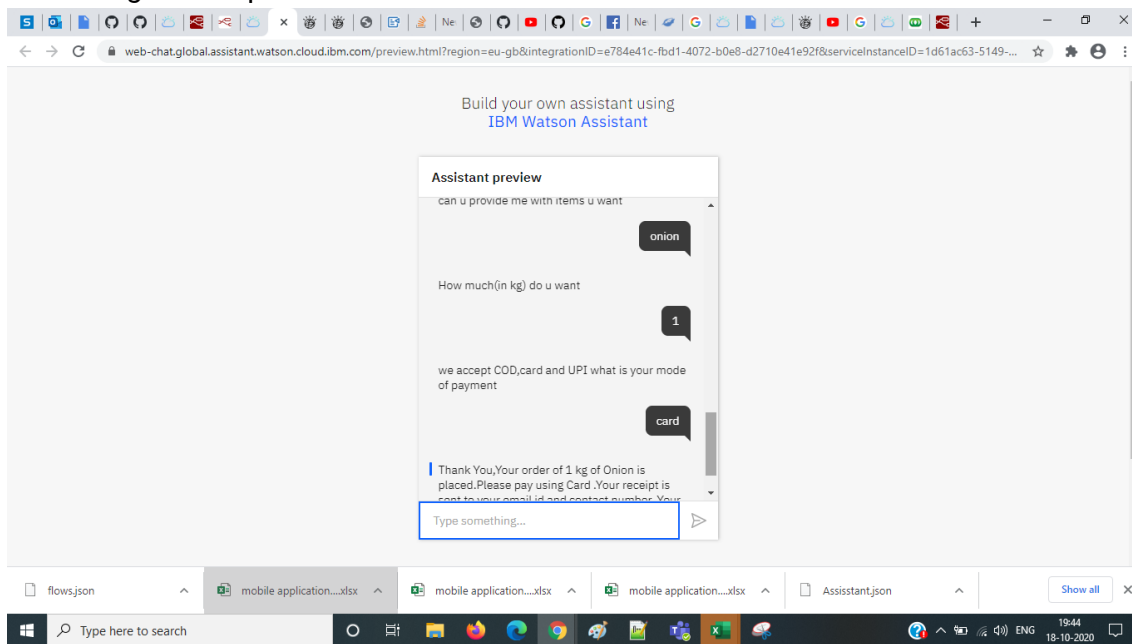1.Chat Bot using IBM Watson Assistant
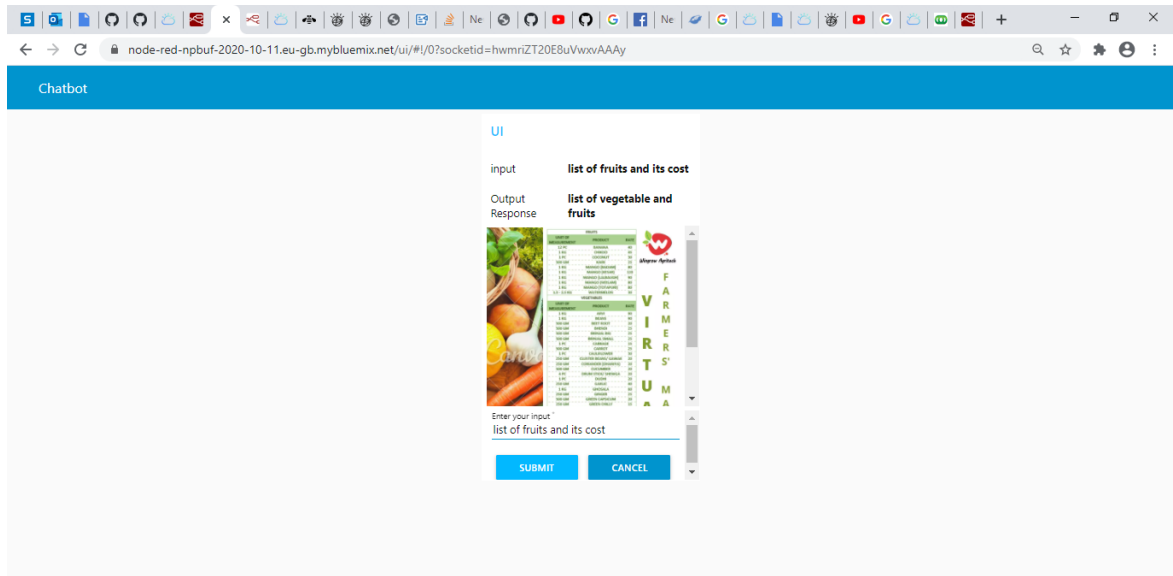
2.Showing list of vegetables and cost using image

3.Showing discounts and special offers

4.Allowing user to place order

6.On node red

Chatbot

UI

input   list of fruits and its cost

Output   list of vegetable and
Response   fruits

Enter your input
list of fruits and its cost

SUBMIT   CANCEL

Chatbot

UI

input   Thank You,Your order of 1der
kg of Onion is placed.Please
Output   pay using Card .Your receipt
Response   is sent to your email id and

Enter your input
order

SUBMIT   CANCEL
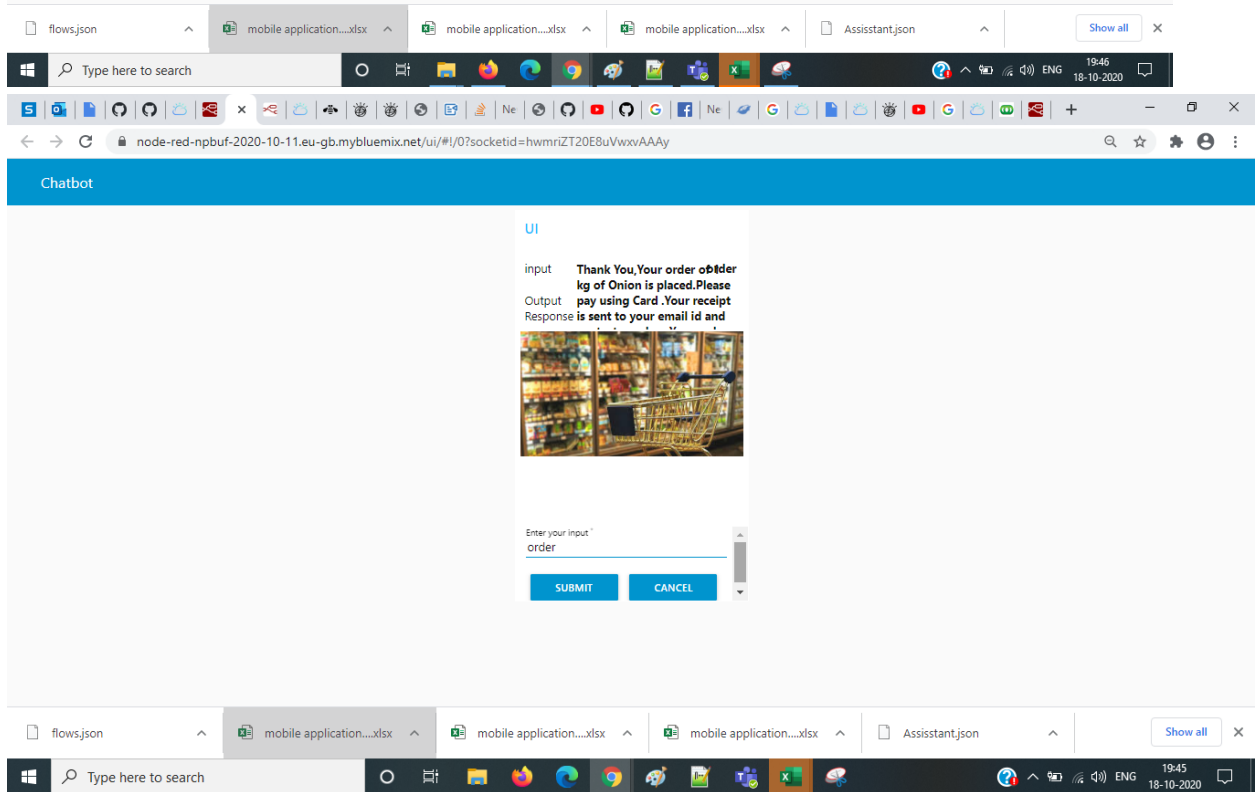
Reference:GURUCOOL-BM and SmartIntern