Project Report

On

Movie Ticketing Bot Powered by IBM Watson Assistant

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1.1 Overview

In this project, the Watson assistant will be used to create a chatbot. The following features should be available on this chat:

- List the films that are available.

- The bot ought to be able to display several show timings.

- When a movie is chosen, the bot needs to display the price and availability of available tickets.

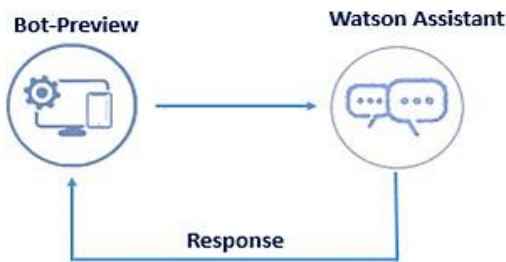- The bot should be able to make reservations for tickets.

1.2 Purpose

This work aims to provide a fast and convenient way to manage our ticket booking. The online movie ticket booking chatbot will help facilitate the user by booking ticket according to their selected region.
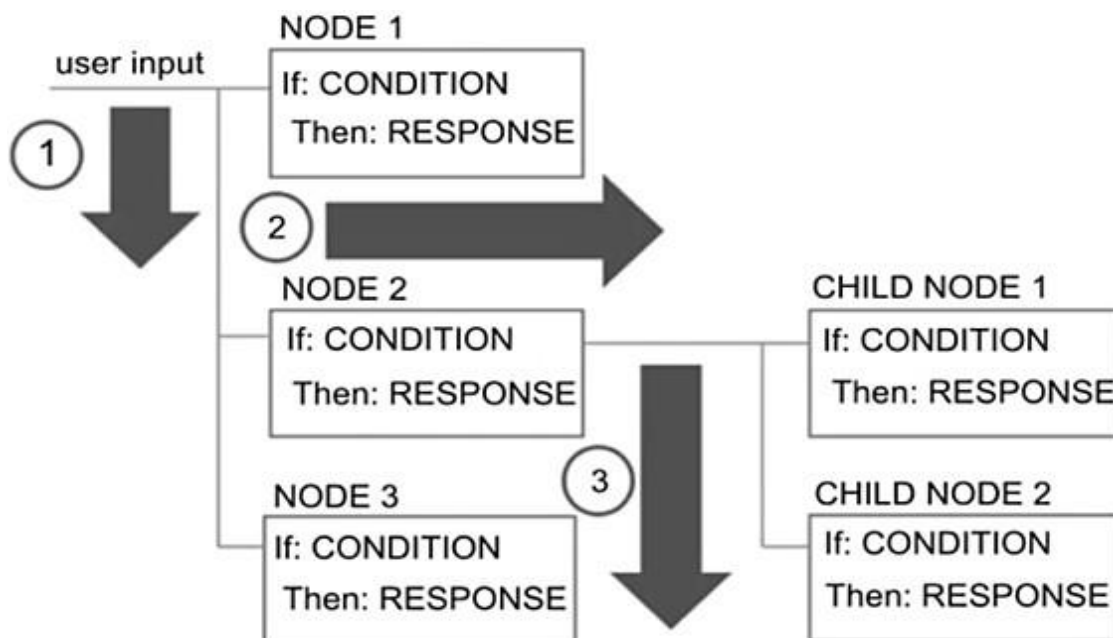
2. THEORITICAL ANALYS
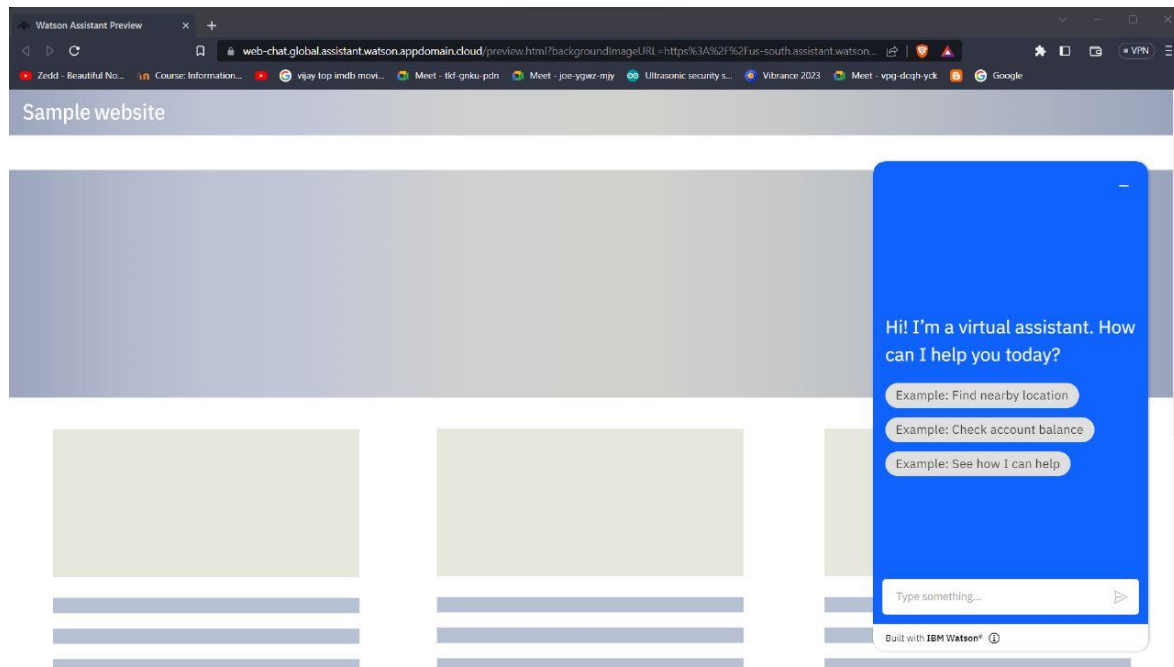
2.1 Block Diagram
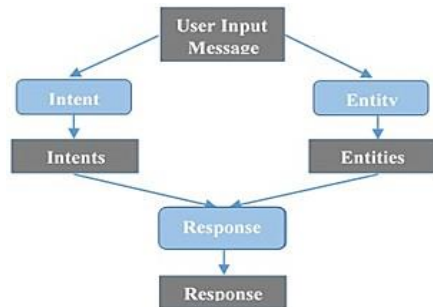
1. <u>Services used</u>

2. IBM Watson Assistant

3. Node-Red

4. <u>FLOWCHART</u>

hi

Choose any movie from this list:

The Flash-English ⌄

The Flash-English

?

Type something... ▷

Select Region:

Hyderabad   Bangalore   Chennai

Chennai

Select number of seats:

3

3

Enter the date to watch movie:

25 March 2002

Tickets available at Inox movies at 11AM,2PM and 5:30PM. Enter movie time you want to watch movie:

11A

?

Ok! Enter the mobile number:

Type something...

25 March 2002

Tickets available at Inox movies at 11AM,2PM and 5:30PM. Enter movie time you want to watch movie:

11AM

Ok! Enter the mobile number:

6369438149

OTP is sent to the given number. Enter OTP (12AB):

12AB

Payment link is sent to your mobile number. Do the payment and book the slot. Thank you for using this service.

Type something...

Advantages:

They assist you in getting to know your clients.

They are a sales machine.

Customer help is available 24/7.

They aid in cost optimisation.

They raise client satisfaction.

Disadvantages:

A bot is not a person, it takes time to implement it, and it need upkeep.

7. <u>APPLICATION</u>   **7**

- Retail and e-commerce

- Travel and hospitality

- Banking, finance, and fin tech

- Healthcare

- Media and entertainment

- Education

7 . <u>CONCLUSION</u>

According to me, chatbots and other intelligent digital assistants are fundamentally altering the corporate landscape. Numerous chatbot development platforms are available for a variety of businesses, including e-commerce, retail, banking, leisure, travel, healthcare, and so forth.

On messaging apps, chatbots may reach a larger audience and are more efficient than people. They might soon become an effective tool for acquiring information.

8. <u>Future Scope</u> 8

Chatbots are fully functional, semi-autonomous devices that can speed up response times and improve customer service. However, that doesn't guarantee that they will remain employed by the company. Developers must look at the problems that have arisen with growing use of chatbots if they are to resist the rapidly escalating technological shifts and become pillars in the enterprise.

Chatbots' potential future uses for organisations could encompass a wide range of advantages, but experts say these advantages won't materialise unless businesses are gently prodded in the correct way.

WEBSITE

IBM cloud = [https://cloud.ibm.com/,](https://cloud.ibm.com/)

IBM Watson=
https://cloud.ibm.com/catalog/services/watson-assistant

APPENDIX

PREVIEW LINK:-

[https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fus-south.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-0e95abc1-4818-4304-b074-f6469007b5ef%3A%3A023774e9-253d-4183-aa0d-ab583573c186&integrationID=372c5175-8293-4ecf-97ae-7ee0c35d847f&region=us-south&serviceInstanceID=0e95abc1-4818-4304-b074-f6469007b5ef](https://web-chat.global.assistant.watson.appdomain.cloud/preview.html)

Use default OTP :- abc123