

MAKING A TRAVEL CHATBOT OF A SINGLE PLACE

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Abstract

Chatbot is a computer application that interacts with users using natural language in a similar way to imitate a human travel agent. A successful implementation of a chatbot system can analyze user preferences and predict collective intelligence. In most cases, it can provide better user-centric recommendations. Hence, the chatbot is becoming an integral part of the future consumer services. This paper is an implementation of an Our proposed work travel Chatbot is on goa if anyone wants to visit goa how this travel Chatbot minimizes the user efforts all the information related to goa that hotels to stay ,food, bookings, greatest offers, do nights all the bookings can be done using 100% safe sites that will not be harmful for user's device and privacy concerns.

Keywords: Chatbot, verified, goa, safe transaction, engagement rate, local insider.

INTRODUCTION

To design and implement natural and intuitive interaction modalities is a primary research field in the Human-Computer Interaction Domain. Systems that can interact with user in their natural language are being researched vigorously at present ^[1]. The Chatbot simulates a real-world travel agent that achieves some result by conversing with the machine in a dialogic fashion using natural language ^[2]. The travel industry is a highly consumer-centric industry where the saying 'Consumer is the King' makes a lot of sense. It is very important to keep the customer happy and satisfied. With this changing technology and customer demands, the only way to retain as well as acquire new customers is satisfying the customer demands and meeting the technology needs. These days you will see a lot of travel businesses investing in digitizing the business. It has become a need to sustain oneself in the business.

This travel chatbot is on goa if anyone wants to visit goa how this travel chatbot minimizes the user efforts of referring different sites different application and if you visit different sites it can be harmful for devices harmful to your bank accounts this chatbot will help you with 100% verified sites where you can do bookings and visit the sites without allowing cookies to peek into your phone/device.

PROBLEM STATEMENT

Making a Travel Chatbot of a single place: There exists some chatbot but travel Chatbot doesn't exist travel bot that gives all the information on one page the user should not visit or search for a right platform to book

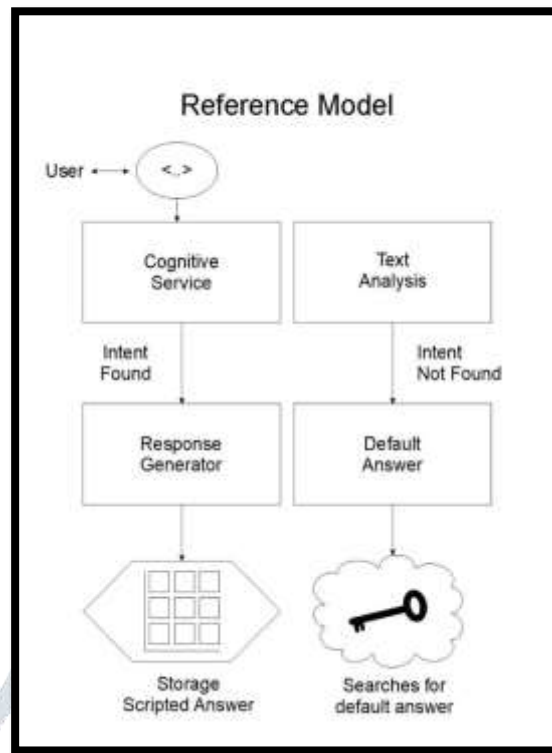


Figure: 1 Reference Model

tickets no bank details will be shared there are some sites that are built for online train/flight booking but those sites are made of html and those sites are not much trustful so the bot gives the verified links to the users the sites where transaction is safe & apps for transaction the apps takes the permission to peek into the devices with this bot user can directly do transactions and logout the information form the site for the safer purposes.

COMPARISION OF EXISTING WORK AND PROPOSED WORK

Table: 1 Comparison of existing Work and Proposed work

Existing work	Proposed work
It is not much user friendly	It is user friendly
It doesn't provide much privacy	It provides maximum privacy
It is doesn't provide much reliable sites for booking	It provides 100% verified sites

PROPOSED WORK

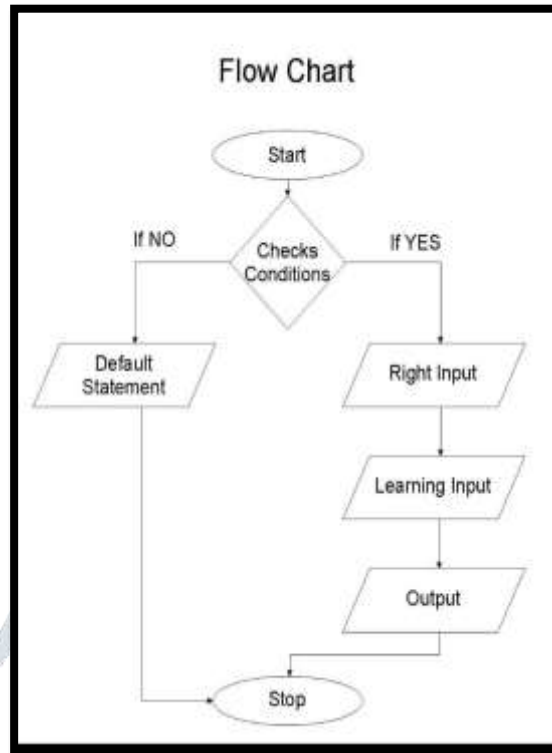


Figure: 2 Flow Chart

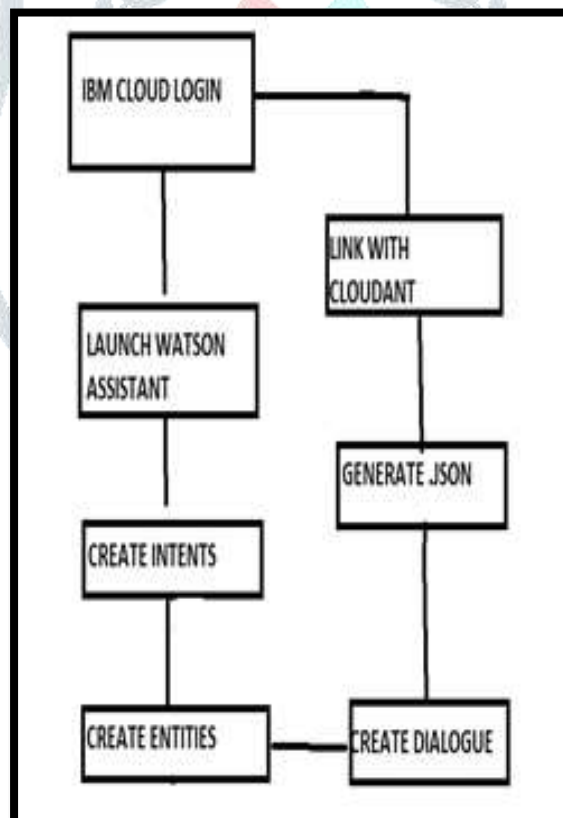


Figure: 3 Propose work

In Paper travel chatbot is on goa if anyone wants to visit goa how this travel chatbot minimizes the user efforts

In this diagram shows that :

- First create ibm account
- Then launch watson assistant
- Create intents

- Create entities
- Create dialogue
- Generate .json code
- Load the deployment in cloudant

WORKING FLOW

In this paper we will see how constructed/build the chatbot and created an ibm cloud account then we created a service watson assistant and launched the watson assistant, created a new skill.

Step: 1

(a)The skill was names as goa than we created new intent named greet than created entity named greet and went to dialogue flow and created a new node named greet and there set the assistant response as hi hello hey.

Then we created new intent named asking

Then created new entity named asking, went to dialogue flow and created new node and named asking there set the main places to visit in goa and created new intent named images.

Step: 2

(a)Then created new entity named images, went to dialogue flow and created new node named images and set there all the famous places with images.

(b)We created new intent named hotel and created new entity named hotel.

(c) We went to dialogue flow and created new node named hotel and set the most famous hotel names with their images.

Step: 3

(a)We created new intent named low rate hotels

(b) Created new entity named low rate hotels

(c) Then we went to dialogue flow and created new node named low rate hotels and set the best low rate hotels with images.

Step: 4

(a)We created new intent named restaurant

(b) New entity named restaurant.

(c)Then we went to dialogue flow and created new node named restaurant and set the best restaurant along with images.

Step: 5

(a)Then we created new intent named hotels booking and new entity named hotels booking.

(b)Then we went to dialogue flow and created new node named hotels booking and set the best hotels that brings great offers on hotel booking in goa along with images and a contact number.

Step: 6

(a)We created new intent named online hotel booking, created new entity named online hotel booking

(b)Then we went to dialogue flow and created new node named online hotel booking and set the best Sites to book the hotels online, created new intent named online train booking.

Step: 7

(a)Then we created new entity named online train booking

(b)Then we went to dialogue flow and created new node named online train booking and set the best Sites to book the train online.

Step: 8

- (a) Created new intent named dj night online booking
- (b) Then we created new entity named dj night online booking
- (c) Then we went to dialogue flow and created new node named dj night online booking and set the best Sites to book dj night booking online.

IMPLEMENTATION

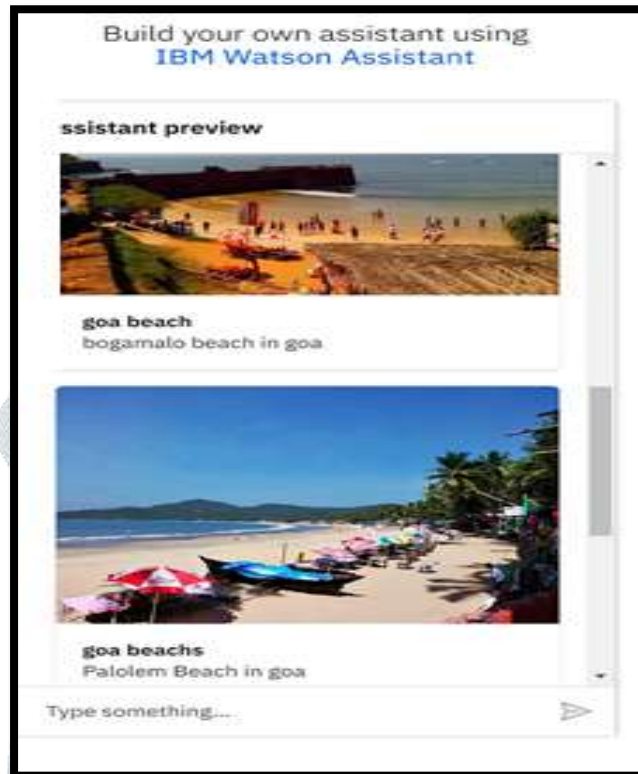


Figure: 4 Screen-short of Chatbot

Existing work graph:

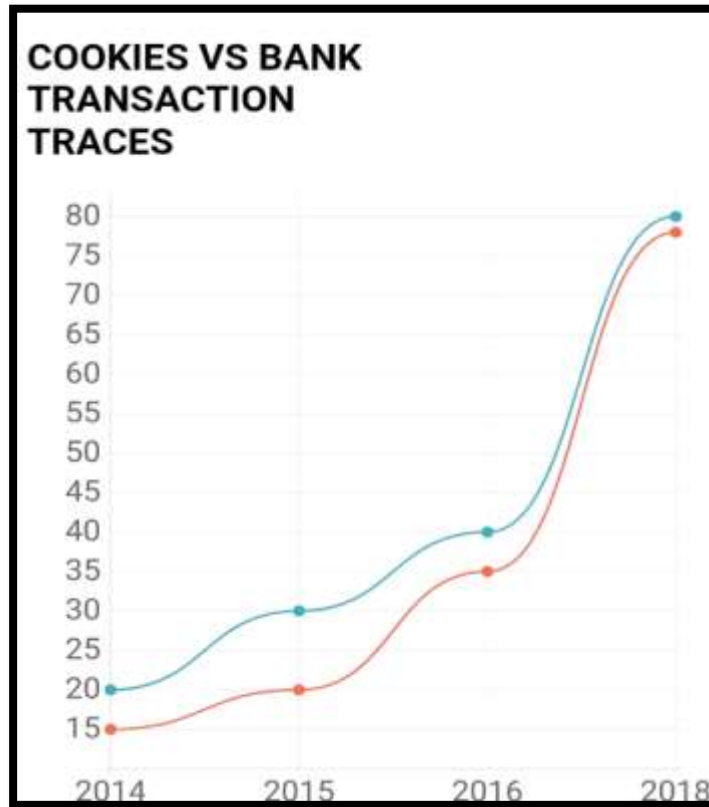


Figure: 5 Existing work graph

Proposed work graph:

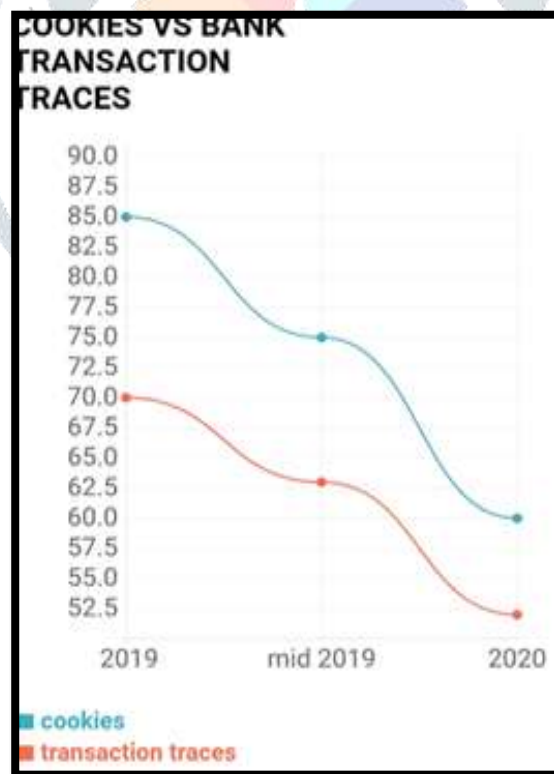


Figure: 6 Proposed work graph

This graph shows how the sites that do online booking traces user’s bank account details and cookies are the main factor on these sites that help the hacker to peek into bank accounts as the travel bot will help in reducing the peeking into the user’s bank account.

CONCLUSIONS

In this paper, we will help people to have a safe transaction and a safe conversation. As we there are apps to book and do online transaction but the apps take the permission from the user and apps are like if the user don't allow to the T & C then the app won't run and there are many privacy concerns in doing online transaction the bot will provide the verified sites to book the hotels/flights/trains.

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