Predictive Analytics

Internal -I

CHATBOT

AGENT : Flight Booking

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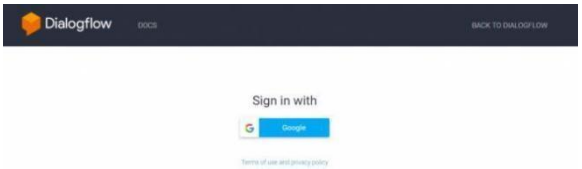
Level 1- getting started

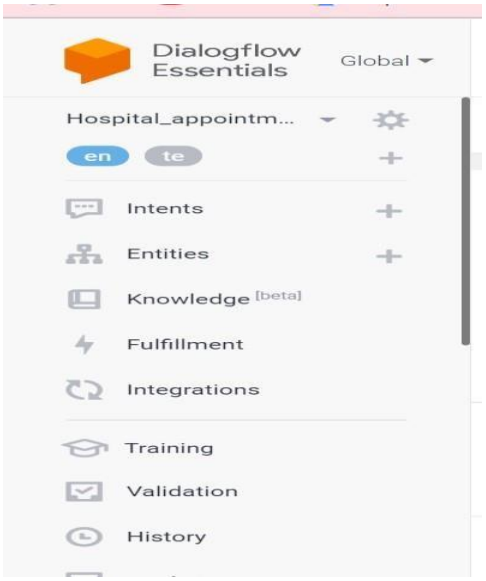
Step 1: getting set up with a Dialog Flow account

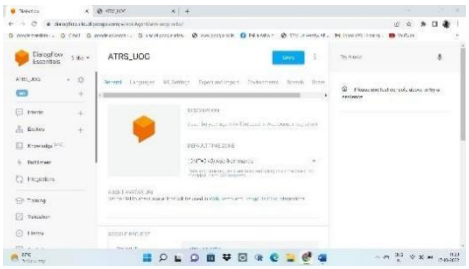
1. Go to https://dialogflow.com/
2. Click on "go to console" in the top right corner
3. Login with a Gmail account when prompted



Step 2: Creating an agent

4. Start off by clicking "creating an agent" in the column menu to your left
5. Give your bot name!" flight booking"
6. Be sure to select time zone and language required
7. Click on create



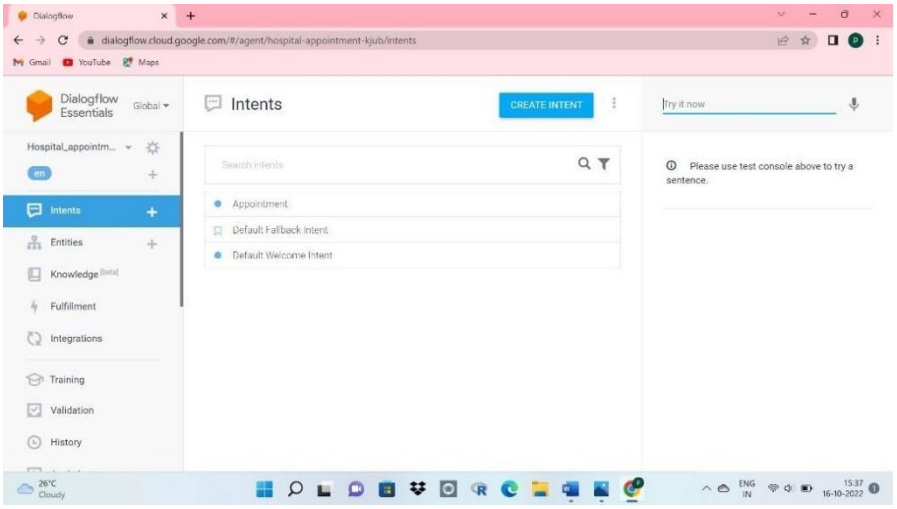


Congratulations you have created your first agent. Once the system recognizes it. Will see columnmenu expands

Level 2: Bot development

Step 1: checking out the present intents

This is just telling the bot what to do when welcoming someone or when the bot doesn't know the answer to their question. "Click on default welcome intent "



Scroll to the " training phrases" section .

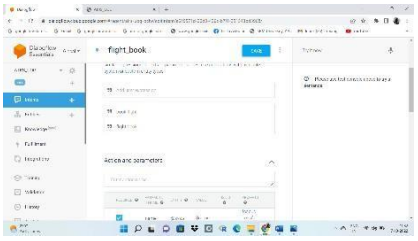
Create new intents

1. To create new intent click on "+"
2. Lets develop some queries
   A.) I want to book a flight
   B.) Book flight

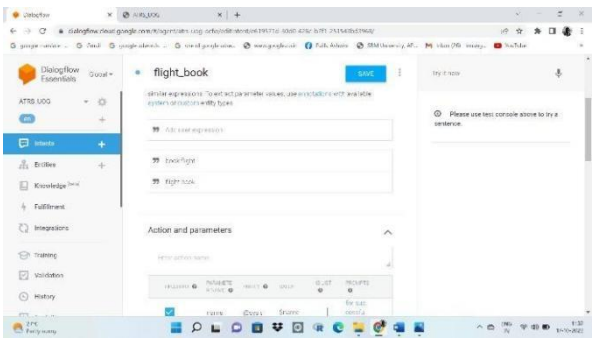
Well create intents for each of these question types. Then feed in the appropriate expressions andresponses.

Here is the example,

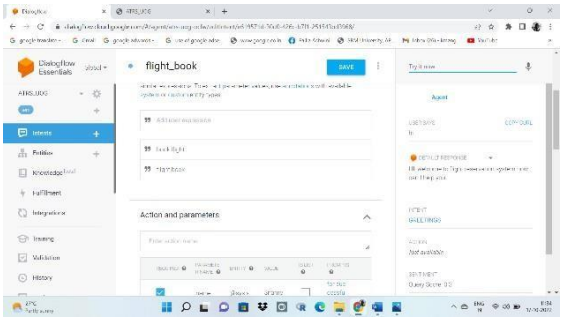
Expressions-new intent



After this click on save to save our intent and responses



Here we can try how it works



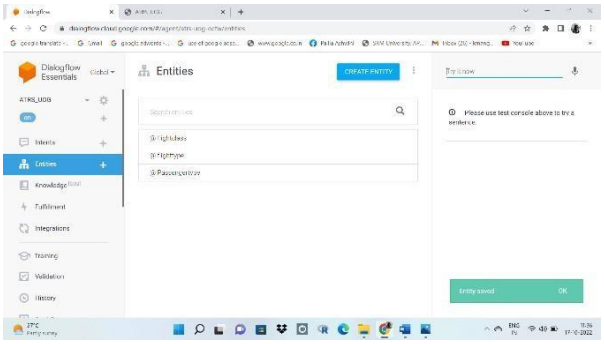
Level3: Entities, Actions,Parameter

Step 1: creating entities

Name of the entities

Example: flight class

Economy, first, business



Step 2: Creating action,parameters

1. Name of the parameters

   Example: Name

2. Enter the entity that created

   Start with the “@”

   Ex: @sys. Person

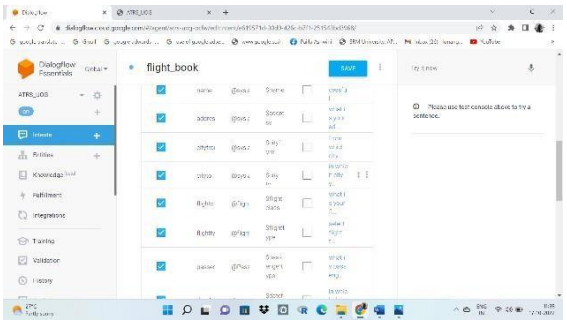
3. Enter the corresponding

   “Value” starting with “$”

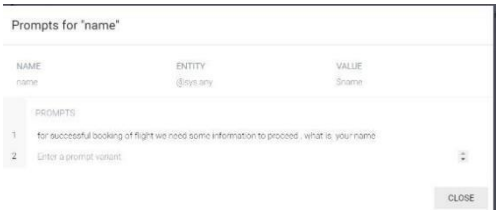
   Ex: $name

4. Check the required box

   “To Enter the Prompts”



Add prompt messages like shown below



Step2: Adding expressions

1.Proceed to add the training phrases

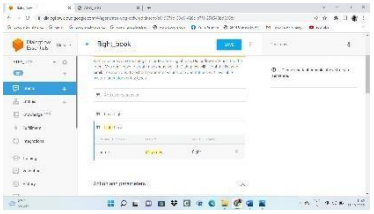
2.Notice automatic colour coded annotation

3.Manually annotate by right click the phrases and assigning the entities

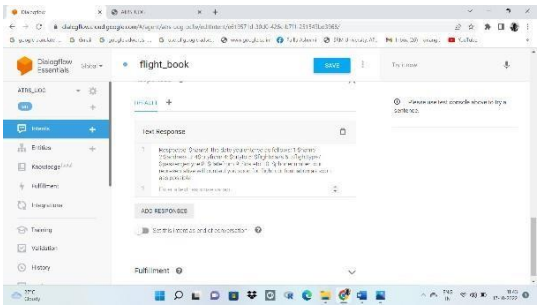
Step 3: Adding the response

1. Draft a concluding response
2. Include the “$value” in the message

So that it can copy useful information from the parameters.



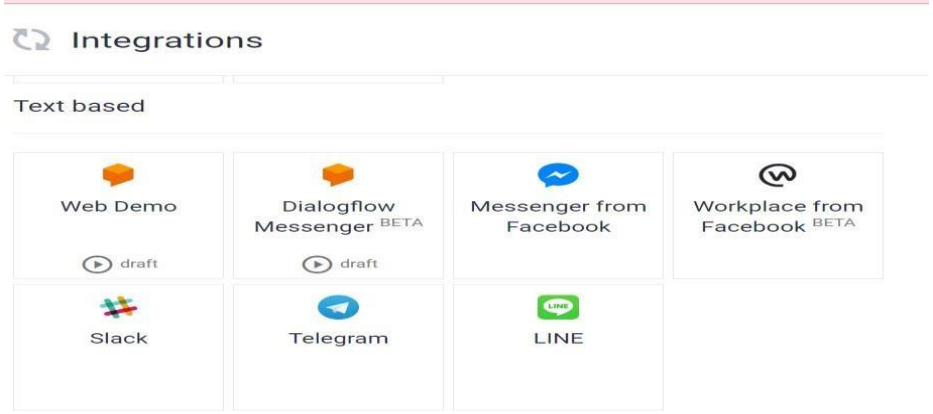
3. Toggle on the intent as “end of the conversation”



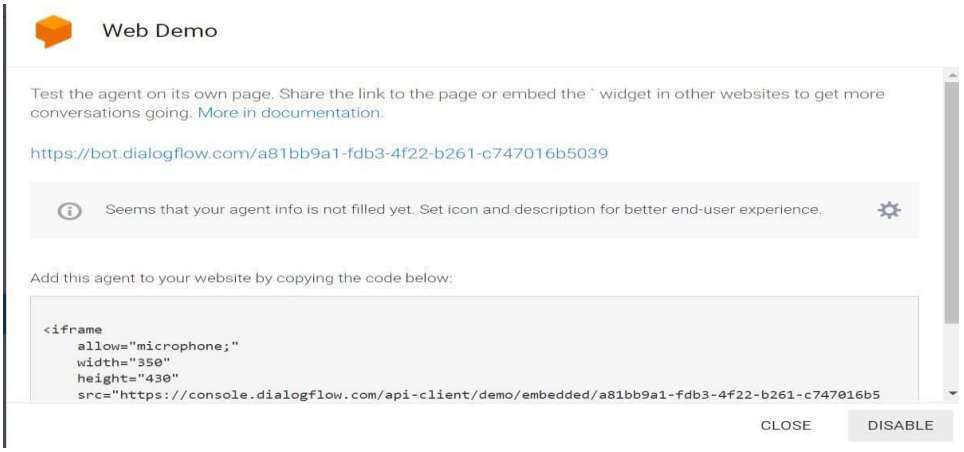
Level 4: Integration

Actual chatbot deployment on platforms like our websites etc. is a complicated procedure that required publishing the bot. but we can still get an idea of how the chatbot would appear when functional here's how

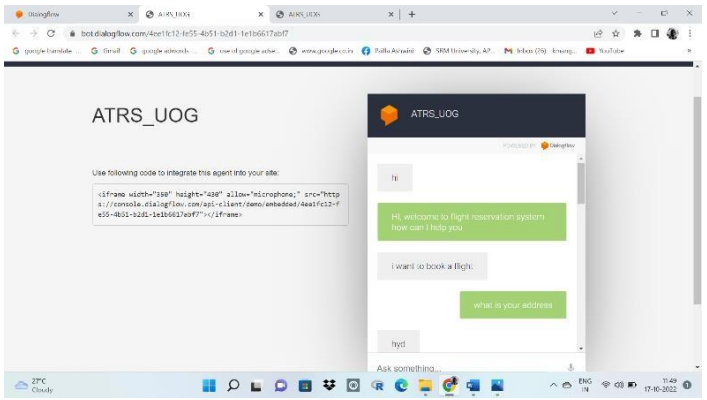
1. Navigate to the "integration" section in the left column
2. Toggle "web demo" on, then click to enter

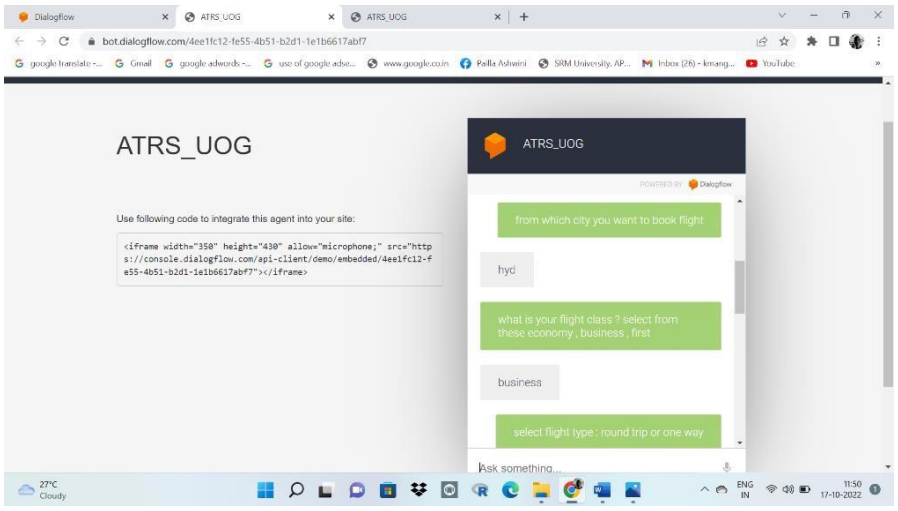


Click the URL



Here how our flight booking bot has gotten:


ATRS_UOG
Use following code to integrate this agent into your site:
<iframe width="350" height="430" allow="microphone;" src="https://console.dialogflow.com/api-client/demo/embedded/4ee1fc12-fe55-4b51-b2d1-1e1b6617abf7"></iframe>
ATRS_UOG
hi
Hi, welcome to flight reservation system how can I help you
i want to book a flight
what is your address
hyd
Ask something...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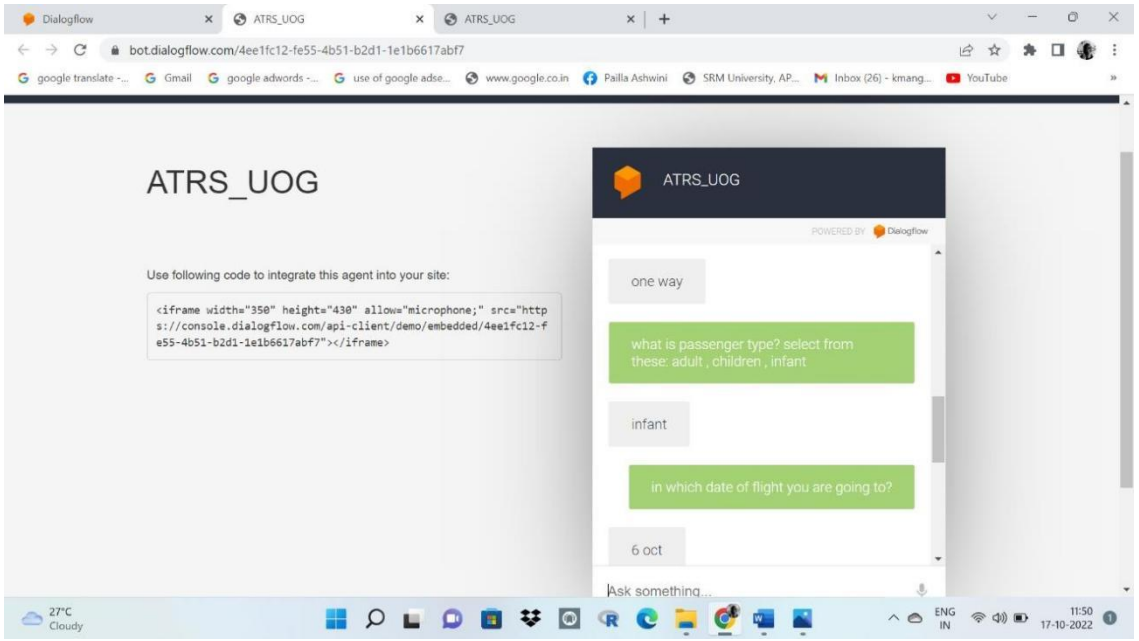
ATRS_UOG
from which city you want to book flight
hyd
what is your flight class ? select from these economy , business , first
business
select flight type : round trip or one way
Ask something...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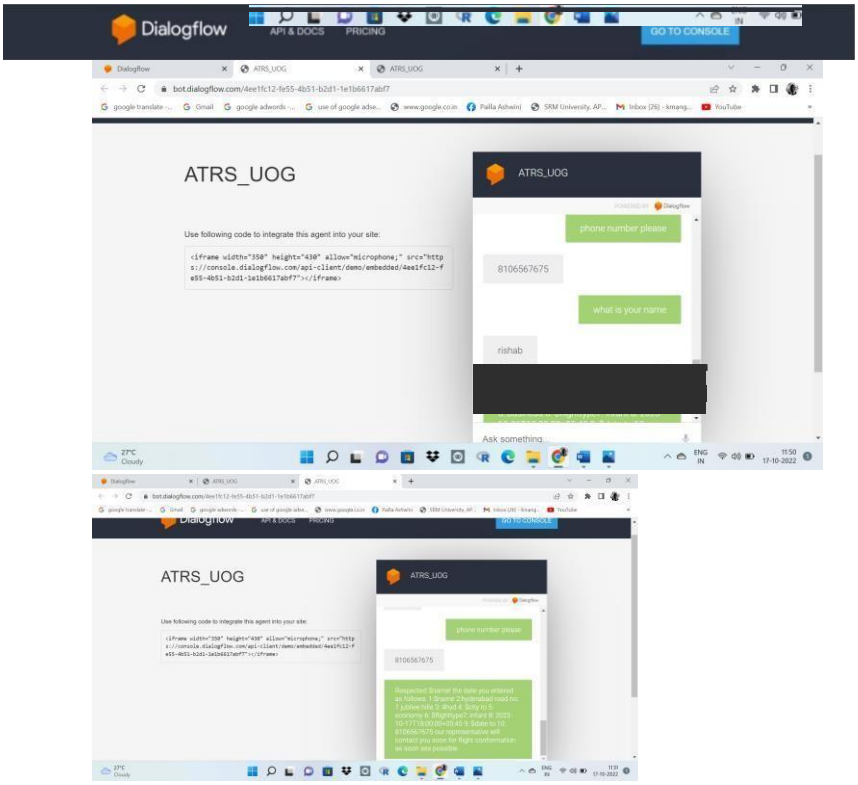
ATRS_UOG
one way
what is passenger type? select from these: adult , children , infant
infant
in which date of flight you are going to?
6 oct
Ask something...



It is the link to access this flight booking chatbot :

https://bot.dialogflow.com/4ee1fc12-fe55-4b51-b2d1-1e1b6617abf7