COMP9322 – z5081777 – Supratik Baksi

# Deployment Instructions

Note: This bot was developed on **Windows** so these instructions are based on how it was run by me personally

Requirements:

* Download ngrok.exe
* Python: The DentistAPI, TimeslotAPI work on Python3 while the Webhook works on Python2
  + Everything in requirements.txt
* Docker
* Diagflow Account:
  + Email: [z5081777comp9322ass1@gmail.com](mailto:z5081777comp9322ass1@gmail.com)
  + Password: Comp9322
  + Link to chatbot (after deploying everything) - <https://bot.dialogflow.com/comp9322ass1_z5081777>
  + I have also included the .zip file in the submission of the bot so one can use their own Diagflow account > create new bot > restore from zip

# Deploying the Chatbot

By default:

* DentistAPI listens on port **5001**
* TimeslotsAPI listens on port **5002**
* WebHookAPI listens on port **5003**

In the location where the docker file is in the dentistAPI run:

* **docker build . -t dentistapi**
* **docker run -p 9999:5001 –name dentistapi dentistapi**

In the location where the docker file is in the timeslotsAPI run:

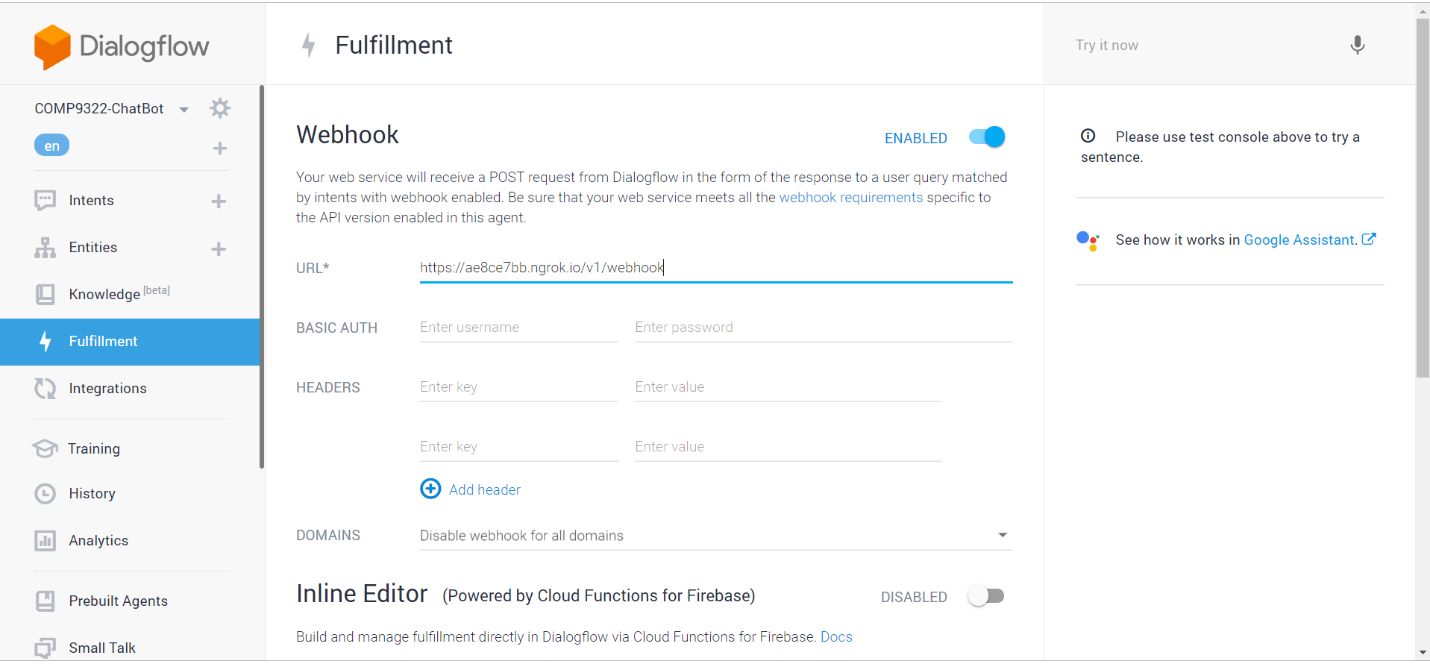
* **docker build . -t timeslotsapi**
* **docker run -p 9998:5001 –name timeslotsapi timeslotsapi**

In the webhookAPI, go into app/demo/ and run:

* **python \_\_init.py\_\_**

After running the webhookAPI, open ngrok.exe and run the command:

* **ngrok http 5003**
* Copy and Paste the “https” URL into the fulfillment textbox as shown below



Once that URL is saved the bot can either be used by clicking or by visiting : <https://bot.dialogflow.com/comp9322ass1_z5081777>

# Swagger Links:

DentistAPI: <https://192.168.99.100:9999/static/swagger-ui/index.html#/>

TimeslotsAPI: <https://192.168.99.100:9998/static/swagger-ui/index.html#/>

IMPORTANT NOTE:

* As this bot was made on Windows hence I did not have to sign up to use ngrok so I have not included anything in my implementation
* When the API’s were deployed with docker, the base URL looks like this: <http://192.168.99.100:9998/v1/>

For MAC or Linux I believe they look like <http://localhost:9998/v1> . IF this is the case, code would have to be edited in lines 14 and 15 in the webhook.py file found in: **webhookAPI\app\demo\v1\api** as shown below

