

## Prerequisites

**Python 3.x** installed on your machine. (3.10 tested)

**ngrok** installed for tunneling the local server (<https://ngrok.com/download>). (for testing webhook on external webpage)

**Google Dialogflow** account. (Google Account)

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**You are free to test chatbot from my link:**

<https://bot.dialogflow.com/1234a0bc-ca7f-4d13-8fd3-fe6560066761>

Or install locally to check all capabilities (flask custom responses, database communication, web page)

## Step 1)

Importing chatbot to your Google account (Dialogflow Console).

Click on **Create Agent**.

Fill in the necessary details (Agent name, language, and time zone).

Select the Google Cloud project or create a new one.

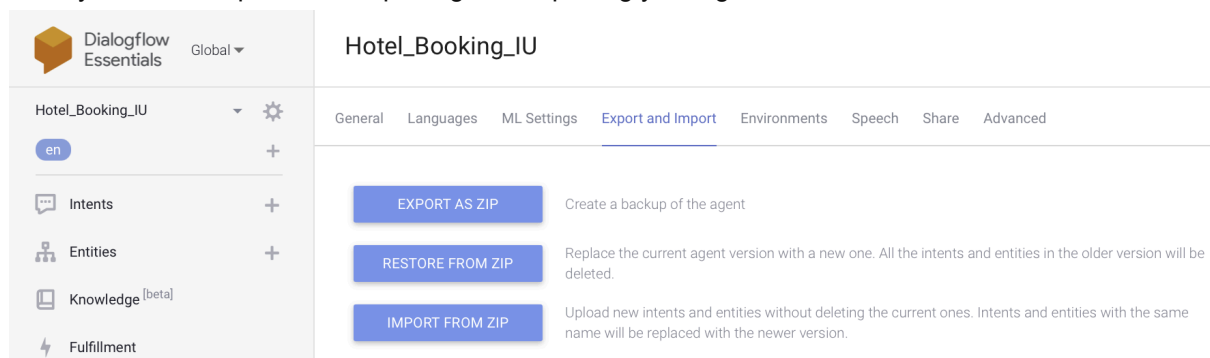
Click **Create**.

In the left-side menu, click on the **Settings** icon (gear symbol) next to your agent's name.

This will take you to the agent's settings page.

In the settings, navigate to the **Export and Import** tab.

Here, you will find options for exporting and importing your agent.



Under **Import**, click the **IMPORT FROM ZIP** button.

A popup will appear, warning that importing will overwrite the current agent. Click **Proceed** to confirm.

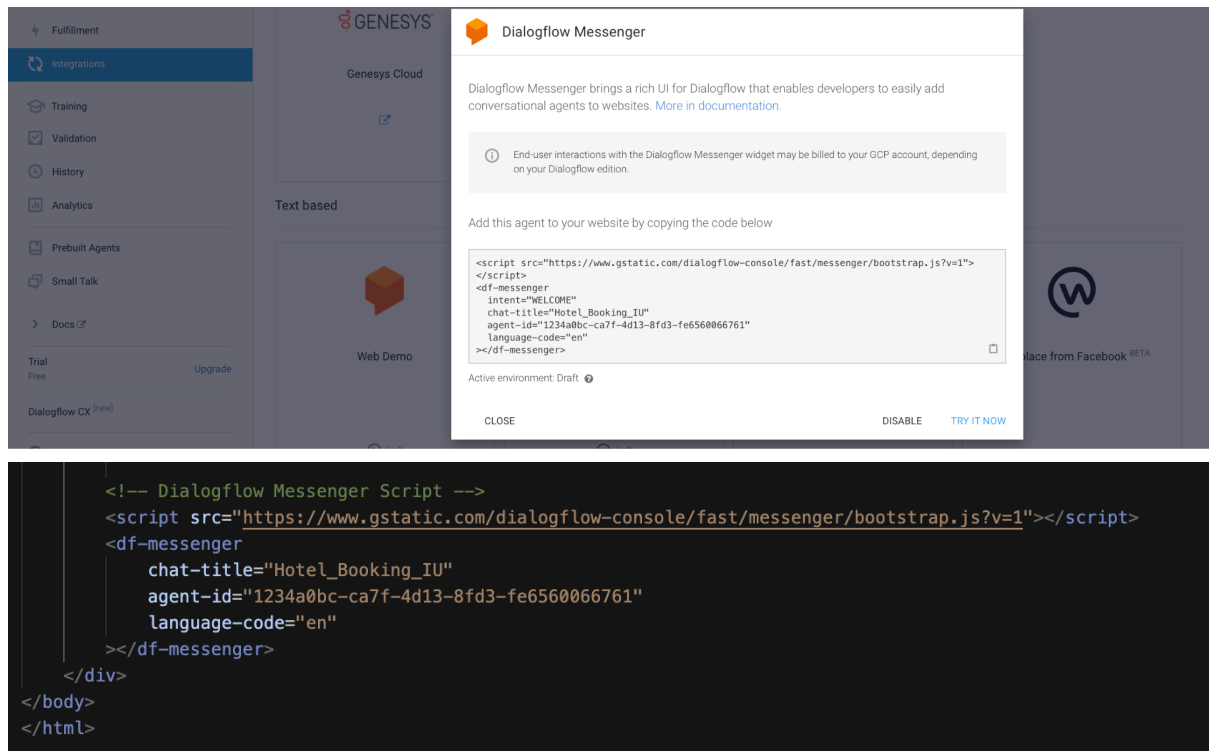
Click the **Select file** button.

Browse your computer and select the Hotel\_Booking\_IU.zip. After selecting the file, click **Open**.

After uploading the ZIP file, the import process will start. Once the process is complete, your agent will be successfully imported.

Additionally when Chatbot is transferred to another account, the HTML file needs to be adjusted:

In Dialoflow/Integrations select **Dialogflow Messenger**. New agent-id needs to be inserted in HTML file for bot to operate correctly using new account.



## Step 2)

Run setup.sh via terminal window with (Mac OS):

```
cd /PATH TO PROJECT FOLDER
chmod +x setup.sh
./setup.sh
```

Open Command Prompt and direct to the project folder and run command:

```
bash setup.sh
```

The script will install all dependencies and run the flask server and make it global using ngrok.

## Step 3)

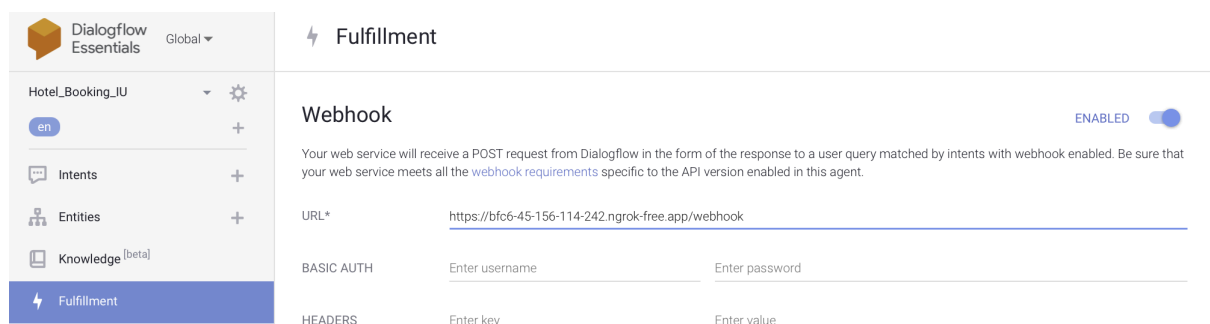
Copy URL from your ngrok (ngrok changes URL every new launch)

```
ngrok (Ctrl+C to quit)
Share what you're building with ngrok https://ngrok.com/share-your-ngrok-story

Session Status      online
Account             turtayev.darkhan@gmail.com (Plan: Free)
Update              update available (version 3.18.0, Ctrl-U to update)
Version             3.16.1
Region              Europe (eu)
Latency              106ms
Web Interface        http://127.0.0.1:4040
Forwarding           https://bfc6-45-156-114-242.ngrok-free.app -> http://localhost:6000

Connections          ttl    opn    rt1    rt5    p50    p90
                    0      0      0.00   0.00   0.00   0.00
```

Insert the link to “Fulfilment” option on Dialogflow console (on the left option menu) adding **/webhook** to the end.



#### Step 4)

Visit the URL from ngrok on your browser, webpage will be opened and you can test Dialogflow chatbot.

All changes and collected data will be available in **hotel\_booking.db**