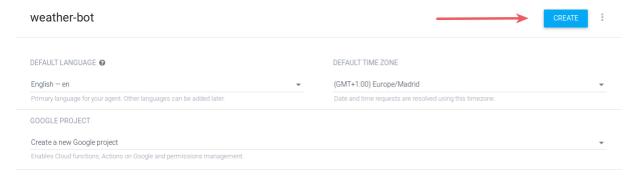
# Chatbot Backend

## Setting up Dialogflow

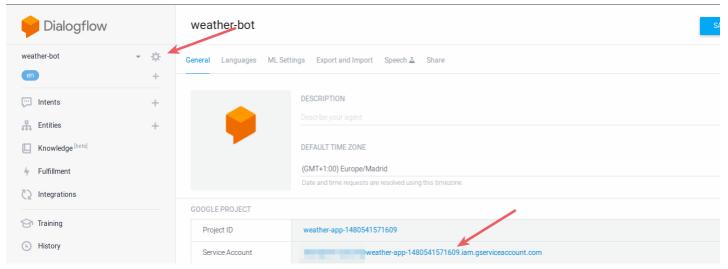
- Head over to the Dialogflow website and sign up for a free account.
- Click on the Create Agent button. Give your agent a name (image below shows agent with name "weather-bot") and fill in the remaining fields, then hit the CREATE button. You will be redirected to the main page of the agent. [Image Below]



- Open the file variables.env with your favourite text editor
- Go to Dialogflow and to your agent's settings. Copy Project ID and paste it in varibales.env along DIALOGFLOW\_PROJECT\_ID. At this point, your variables.env file would look something like below:

//variables.env DIALOGFLOW\_PRIVATE\_KEY="----BEGIN PRIVATE KEY-----\n<\_\_KEY\_\_>\n-----END PRIVATE KEY-----\n" DIALOGFLOW\_CLIENT\_EMAIL=foobar@<PROJECT\_ID>.iam.gserviceaccount.com
DIALOGFLOW\_PROJECT\_ID="EXAMPLE-123"

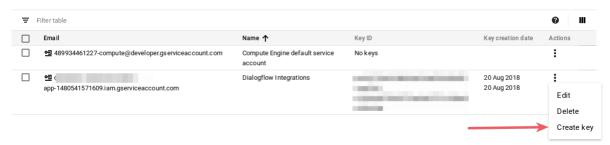
Back in settings, under Google Project, click on the service account name. This will open your Google Cloud Platform service account's page. [Image Below]



• You should see a Dialogflow Integration service account in the list of accounts. Click on the three dots menu on the right and select Create Key. Leave the file format as JSON and click Create. This will download a JSON file to your computer.

## Service accounts for project 'Weather App'

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps, or systems running outside Google. Learn more



- Open the JSON file with your favorite text editor. You only need two of the values: private\_key and client\_email
- Open the file variables.env

  - Paste the value of private\_key along DIALOGFLOW\_PRIVATE\_KEY.
     Paste the value of client\_email along DIALOGFLOW\_CLIENT\_EMAIL
     Maintain "" as in examples.
- Your variables.env file should look something like below

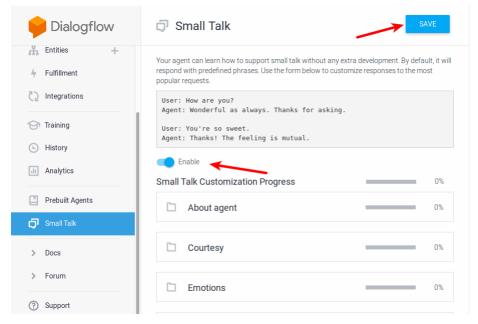
//variables.env

DIALOGFLOW\_PRIVATE\_KEY="----BEGIN PRIVATE KEY----\n" DIALOGFLOW\_CLIENT\_EMAIL=example@<EXAMPLE-123>.iam.gserviceaccount.com
DIALOGFLOW\_PROJECT\_ID="EXAMPLE\_123"

Save the file

## Enable Small Talk

Dialogflow provides a neat feature that allows any bot to have simple conversations with users without writing any code. To enable this feature, click Small Talk on the sidebar and toggle it on.



# Setting Up the Server

Run the below code to install dependencies :

npm i

After the above has completed execution, run

npm start

This will start the server on PORT 4000 .