

Covid-19 Dialog Flow Chatbot Artificial Intelligence

Project Proposal 2021



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Introduction to problem (You choose)

Introduction:

In this project we creating chatbot dialog flow. It is artificial intelligent awareness system about Covid-19. One can ask questions about covid-19 and it will answer.

Description:

We are building a chatbot that will give its users awareness about covid-19.

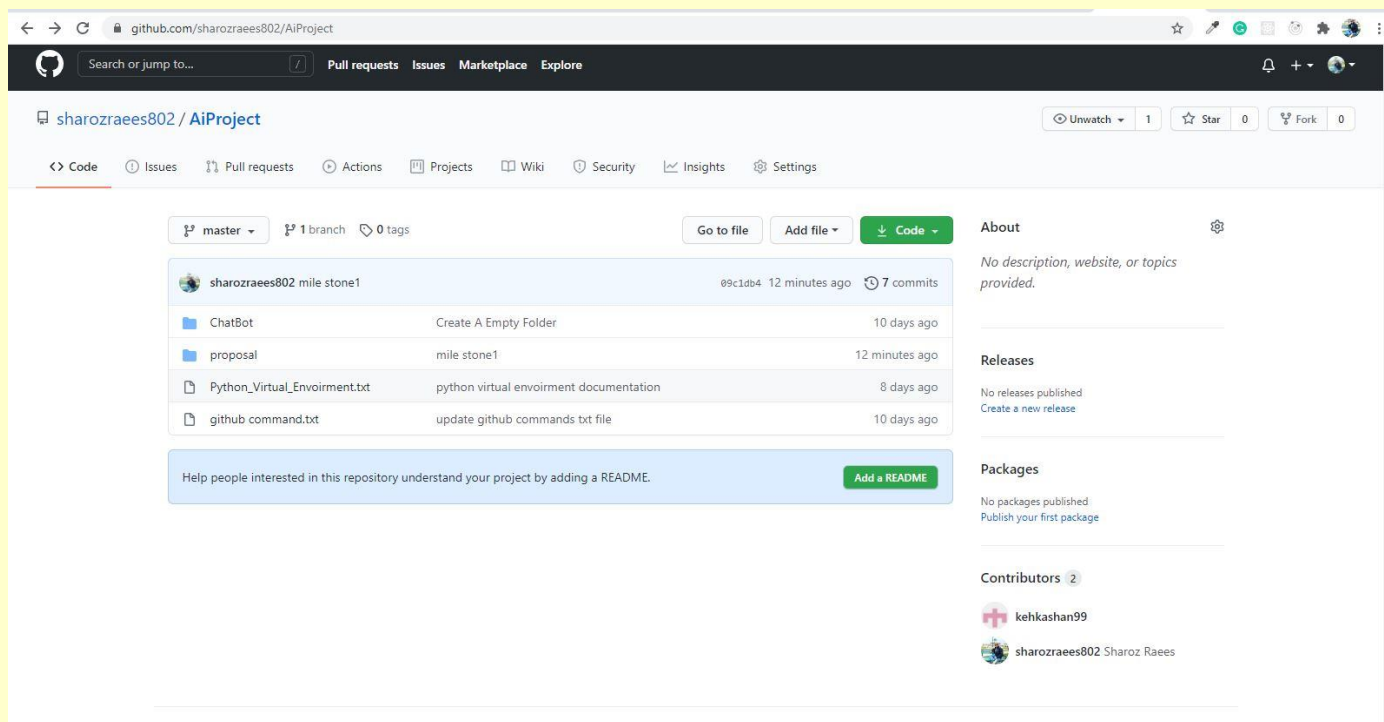
What is a Chatbot?

Interacts through instant messaging, artificially replicating the patterns of human interactions.

What is dialog flow?

Dialog flow is a natural language understanding platform used to design and integrate a conversational user interface into mobile apps, web applications, devices, bots, interactive voice response systems and related uses.

GitHub Picture



Progress Table:

	Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9
Google, dialogflow, NLU	✓	✓	✓						
Flask/Python, API, Mongo DB				In process	In process	In process			
Testing & Deployment									

Knowledge Base:

The screenshot displays the Dialogflow Knowledge Base interface. The top navigation bar includes the Dialogflow Essentials logo, a language dropdown set to 'en', and a sidebar menu with options like Intents, Entities, Knowledge (beta), Fulfillment, Integrations, Training, Validation, History, and Analytics. The main content area is titled 'covid' and features a 'SAVE' button and a 'Try it now' prompt. A search bar labeled 'Search documents' is present. Below it, a table lists documents with columns for Document Name, Knowledge Type, Mime Type, and Source/Path. A document named 'covid_19FAQ' is listed with a Knowledge Type of 'FAQ', Mime Type of 'text/csv', and Source/Path of 'File uploaded'. A '+ New Document' link is also visible. The 'Responses' section shows a 'Text Response' configuration. At the bottom, a Windows taskbar is visible with various application icons and a system clock showing 10:41 PM on 3/25/2021.

Dialogflow Essentials

US

Amy

en

Intents

Entities

Knowledge [beta]

Fulfillment

Integrations

Training

Validation

History

Analytics

Debugged Agents

covid

SAVE

Try it now

Text Response

1

\$Knowledge.Answer[1]

2

Enter a text response variant

ADD RESPONSES

Set this intent as end of conversation

Fulfillment

Call a web service to connect your back-end

Send intent, parameters and context to your Cloud function or a web service. Execute necessary logic and respond back with a written, spoken or

Please use test console above to try a sentence.

You are screen sharing

Stop Share

Intents:

The screenshot displays the Google Dialogflow console interface. The top navigation bar includes the Dialogflow logo, the region 'US', and a 'CREATE INTENT' button. The left sidebar contains a menu with options: Amy (selected), Intents (highlighted in blue), Entities, Knowledge [beta], Fulfillment, Integrations, Training, Validation, History, Analytics, Prebuilt Agents, Small Talk, and Docs. The main content area is titled 'Intents' and features a search bar and a list of intents. The first intent, 'continue_conversation', is expanded, showing a list of follow-up intents: corona_videos, covid_searchcountry, covid_searchstate, district_report, endConversation, Fallback, help_desk, mapwise_cases, not_send_email, photos_intent, precautionfrom_covid, select_country_option, send_report_to_email, social_follow, statistics_intent, totalnumber_cases, and Welcome. The right sidebar contains a 'Try it now' section with a microphone icon and a message: 'Please use test console above to try a sentence.'

Dialogflow Essentials US

Amy

en

Intents

Entities

Knowledge [beta]

Fulfillment

Integrations

Training

Validation

History

Analytics

Prebuilt Agents

Small Talk

Docs

Trial Upgrade

Intents

CREATE INTENT

Search intents

continue_conversation Add follow-up intent

corona_videos

covid_searchcountry

covid_searchstate

district_report

endConversation

Fallback

help_desk

mapwise_cases

not_send_email

photos_intent

precautionfrom_covid

select_country_option

send_report_to_email

social_follow

statistics_intent

totalnumber_cases

Welcome

Try it now

Please use test console above to try a sentence.

Rapid API:

The screenshot shows the RapidAPI interface for the COVID-19 API. The top navigation bar includes the RapidAPI logo, a search bar, and links for Categories, Create Organization, API Marketplace, My Apps, Add Your API, Docs, and a user profile icon. The main header for the COVID-19 API displays a red virus icon, the name 'COVID-19', a 'FREE' badge, a 'Verified' checkmark, and the provider 'By api-sports'. It also shows 'Updated a day ago' and 'Health, Fitness' tags. Performance metrics are listed: Popularity 9.9/10, Latency 808ms, and Service Level 100%. Below the header, there are tabs for Endpoints, About, Tutorials, Discussions, and Pricing. The 'Endpoints' tab is active, showing a search bar and a list of endpoints: GET Statistics, GET Countries, and GET History. The 'GET Statistics' endpoint is selected, showing its description 'Get all current statistics for all countries' and a 'Test Endpoint' button. Below the description, there is a section for 'Personal Account' with a dropdown menu showing 'Web Mobile'. A blue banner promotes creating an organization. The 'RapidAPI App' section shows a dropdown menu with 'default-application_5134619' selected. The 'Header Parameters' section lists 'X-RapidAPI-Key' with a text input field containing a long alphanumeric string, and 'X-RapidAPI-Host' with a dropdown menu showing 'covid-193.p.rapidapi.com'. On the right side, there are tabs for Code Snippets, Example Responses, and Results. The 'Code Snippets' tab is active, showing a dropdown menu for '(Python) Requests' and links for 'Install SDK' and 'Copy Code'. Below this, there is a code snippet for a Python request using the requests library.

Search APIs

Categories

Create Organization

API Marketplace

My Apps

Add Your API

Docs

COVID-19

By api-sports | Updated a day ago | Health, Fitness

Popularity 9.9/10

Latency 808ms

Service Level 100%

Endpoints

About

Tutorials

Discussions

Pricing

Subscribed

Search endpoints

GET Statistics

GET Countries

GET History

Test Endpoint

Get all current statistics for all countries

Personal Account

Web Mobile

Using this to build something with a team? Organizations make collaboration possible.

Create Organization

RapidAPI App

default-application_5134619

REQUIRED

Header Parameters

X-RapidAPI-Key

ENUM

REQUIRED

bfacd8b9b6msh67ec4b14fc2440ap1a2d33jsn27e3139fae

X-RapidAPI-Host

ENUM

REQUIRED

covid-193.p.rapidapi.com

Code Snippets

Example Responses

Results

(Python) Requests

Install SDK

Copy Code

```
import requests

url = "https://covid-193.p.rapidapi.com/statistics"

headers = {
    'x-rapidapi-key': "bfacd8b9b6msh67ec4b14fc2440ap1a2d33jsn27e3139fae9e",
    'x-rapidapi-host': "covid-193.p.rapidapi.com"
}

response = requests.request("GET", url, headers=headers)

print(response.text)
```

Date: 25 march 2021