README

The code is written in **Python 3.7.5** in **IDLE.**

The code is divided into **6** files.

1. **Main_file** - This file imports the functions from the other 5 files and runs the main code
2. **Recognise_face** - This file contains face detection and face recognition functions
3. **File_handling** - This file contains functions of reading a .txt file and writing to a .txt file
4. **Speech_api** - This file contains functions for Speech to Text and Text to Speech conversion.
5. **Nltk_modules** - This file contains text processing functions created using NLTK
6. **Dialogflow_modules** - This file contains dialogflow logic

We have **3** folders:

1. **Dialogflow_key** - This folder contains the key that is used to access our Dialogflow agent. The status of this key is Dialogflow Admin i.e we can query an intent and read responses. If you use another agent in your project, change the .json file inside the folder and change the dialogflow project name in dialogflow_modules file
2. **Known_people_data** - This folder contains the data of known people and data of the bot
3. **Known_people_images** - This folder contains the images of the faces of people the bot recognises

Dependencies:

numpy, speech_recognition, pyttsx3, PyAudio, dlib, face_recognition, cv2, os, glob, time, nltk, wikipedia, dialogflow, google-api-core, threading, multiprocessing, queue