

The requirements.txt file contains all the libraries installed in the virtual environment used to run this program.

- In order to run the program:-
- make a KNOWN_FACES_DIR and run the final.py file.
- Register yourself from the program and then a photo of the user will appear in the KNOWN_FACES_DIR with the users email as its name.
- After that, the system can recognise the person in the KNOWN_FACES_DIR.
- You cannot copy your image in the directory, it needs to be registered through the program as it is registered in the database.
- in order to setup the database, run the CreateTable.sql script in MySQL workbench and change the relevant details of the database in the program.

The visualexample.py code is just a example code taken from github page of face_recognition. It shows a live video of the persons being identified by the program. Save your photo with your name.jpg as the file name in KNOWN_FACES_DIR to see the example. It is not required by the final.py.

We have used-

- pyttsx3
for text to speech
- pandas
- MySQL
- OpenCV
<https://github.com/opencv/opencv>
- Face recognition
https://github.com/ageitgey/face_recognition
- Speech recognition
 - Zhang, A. (2017). Speech Recognition (Version 3.8) [Software]. Available from https://github.com/Uberi/speech_recognition#readme.