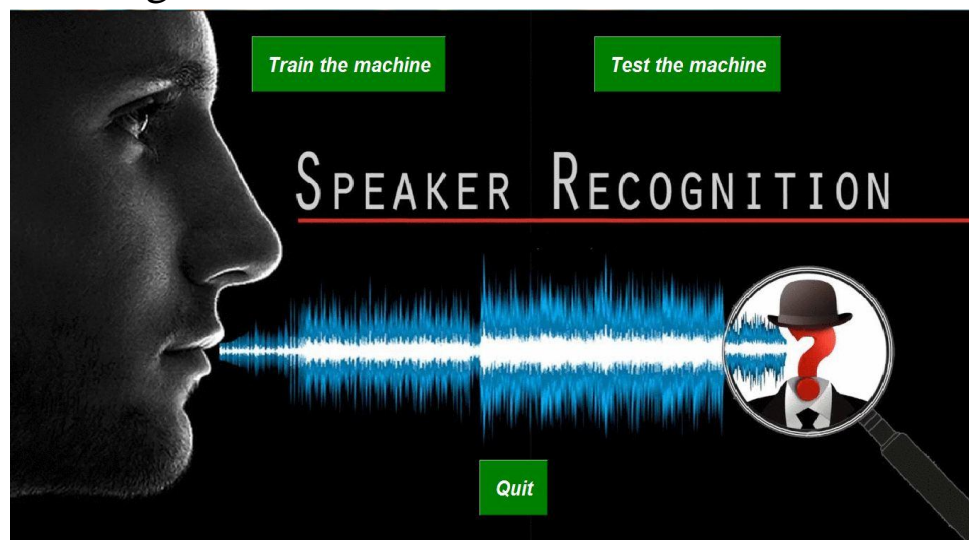


How To Use

- **First Install these dependency:**
 - a) Python 3.6
 - b) TKinter
 - c) Scikit Learn
 - d) Pillow
 - e) Numpy
- **Now clone our github repository from this link:**

<https://github.com/Abhay0899193/Speaker-Recognition>
- **Now run homeapp.py**

If a screen like this is appears then everything is working.



- **Now connect a good quality mic for training.**



- **Click on Train the machine Button.**
- **A page is open in which:**
 - a) File name : Name of the person
 - b) Duration : time in second by default 31s.



- **Click on Record Button:**

- a) Before click on Train button record 5 audio sample.
- b) These audios save on training_data folder.
- c) You can play the last recording by click on Play Button.

- **Train Button:**

- a) After recording 5 sample Click on train Button it will take time don't close the window until training is completed.
- b) Now close the training window.

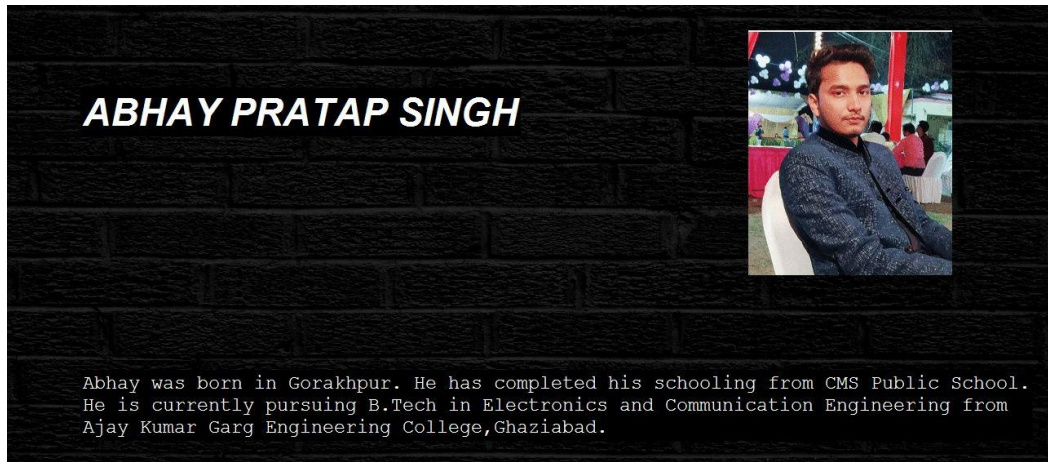
- **Now click on Test the machine Button:**

- a) A screen with three Buttons is open.
- b) Click on Record Button and take a sample of 10s for testing.
- c) After recording the audio you can play it by just clicking on Play Button.



- **Test Button:**

- a) Click on Test Button.
- b) A screen like this will open-



(Optional)

- **If you want to show the image and description:**

- a) In the docu folder put a .txt file of the same name (name at which model is trained) containing description.
- b) And in docu\gify doc folder put a .gif image of same name (name at which model is trained). A normal resolution of the image is H:300 W:250 .