

SPEECH RECOGNITION SYSTEM BY CORELATION METHOD

2016_CS_158

2016_CS_178

AGENDA

▣ Corelation Method:

To understand this method corelation very well and implement it in matlab by mathematical calculations.

▣ SECURITY SYSTEM :

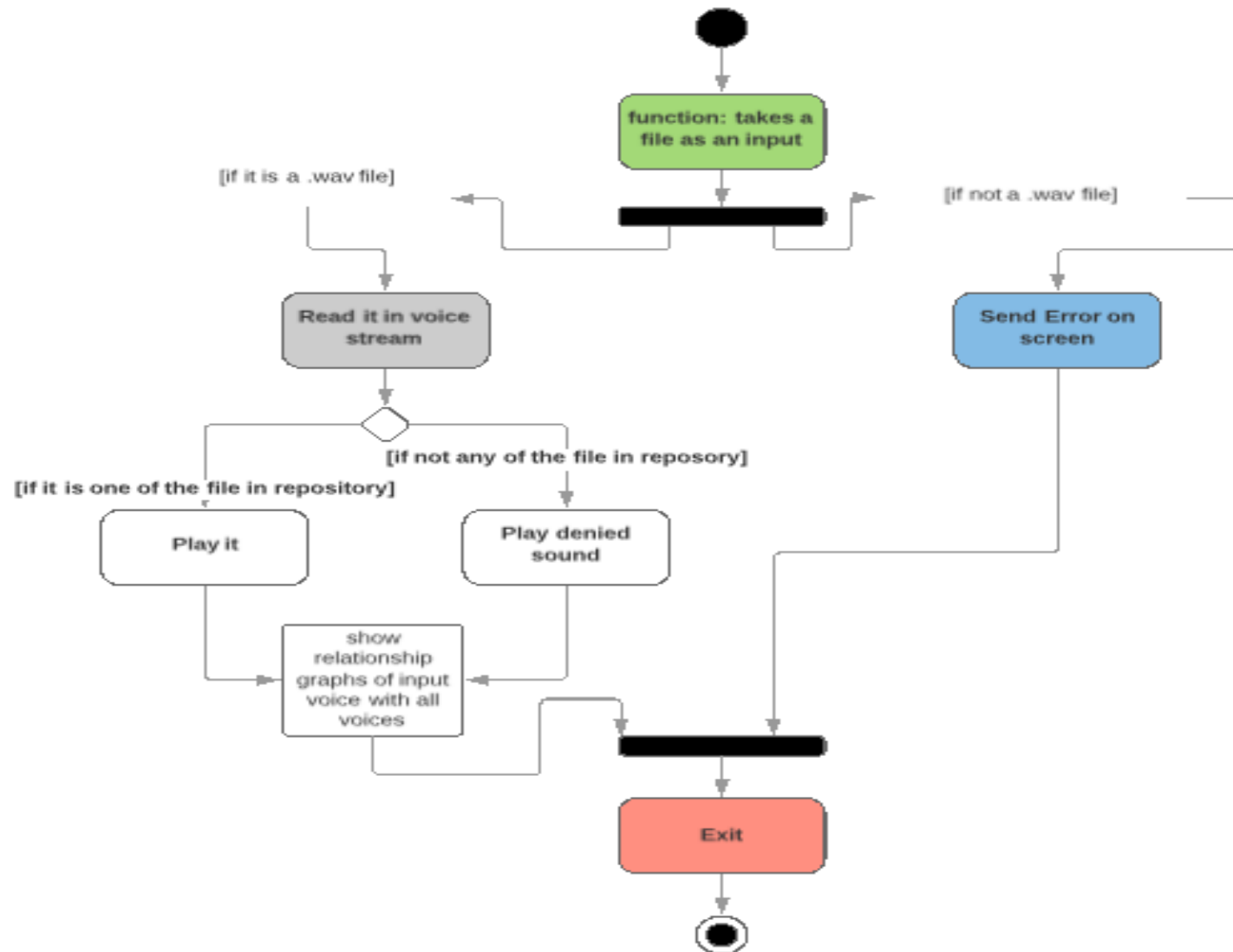
To build a good security system by this technique “Corelation”.

Develop a relationship between two voices

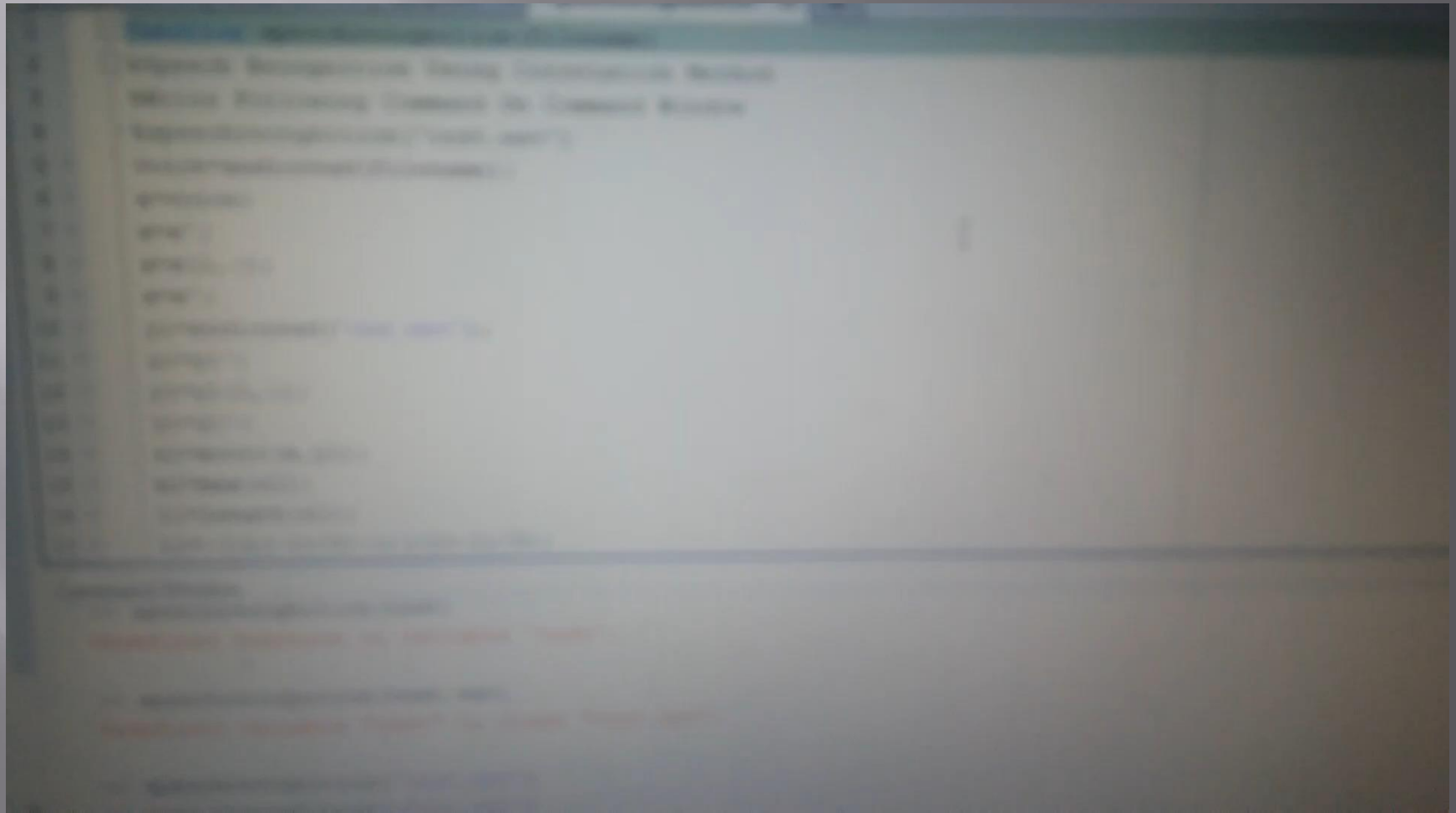
This is the main task of our project to develop a relationship between two voices that's how we can compare two voices in our system.

Both ,the content of audio and the voice itself is the most important part of system because of them we can verify the person.

Methodology Diagram



Demo Video



Results

Our system is working perfectly fine. We have to pass a audio.wav file as a formal parameter to our function and it will give the precise result.

References

- ▣ <https://www.globalme.net/blog/speech-recognition-software-history-future>
- ▣ <https://www.theengineeringprojects.com/2016/02/speech-recognition-using-correlation-matlab.html>
- ▣ <https://pdfs.semanticscholar.org/190c/22e127a824bceaf18b8cbda79d4acee549a4.pdf>
- ▣ <https://en.wikipedia.org/wiki/Cross-correlation>
- ▣ <https://www.doityourself.com/stry/4-different-types-of-security-systems>

Any Questions?