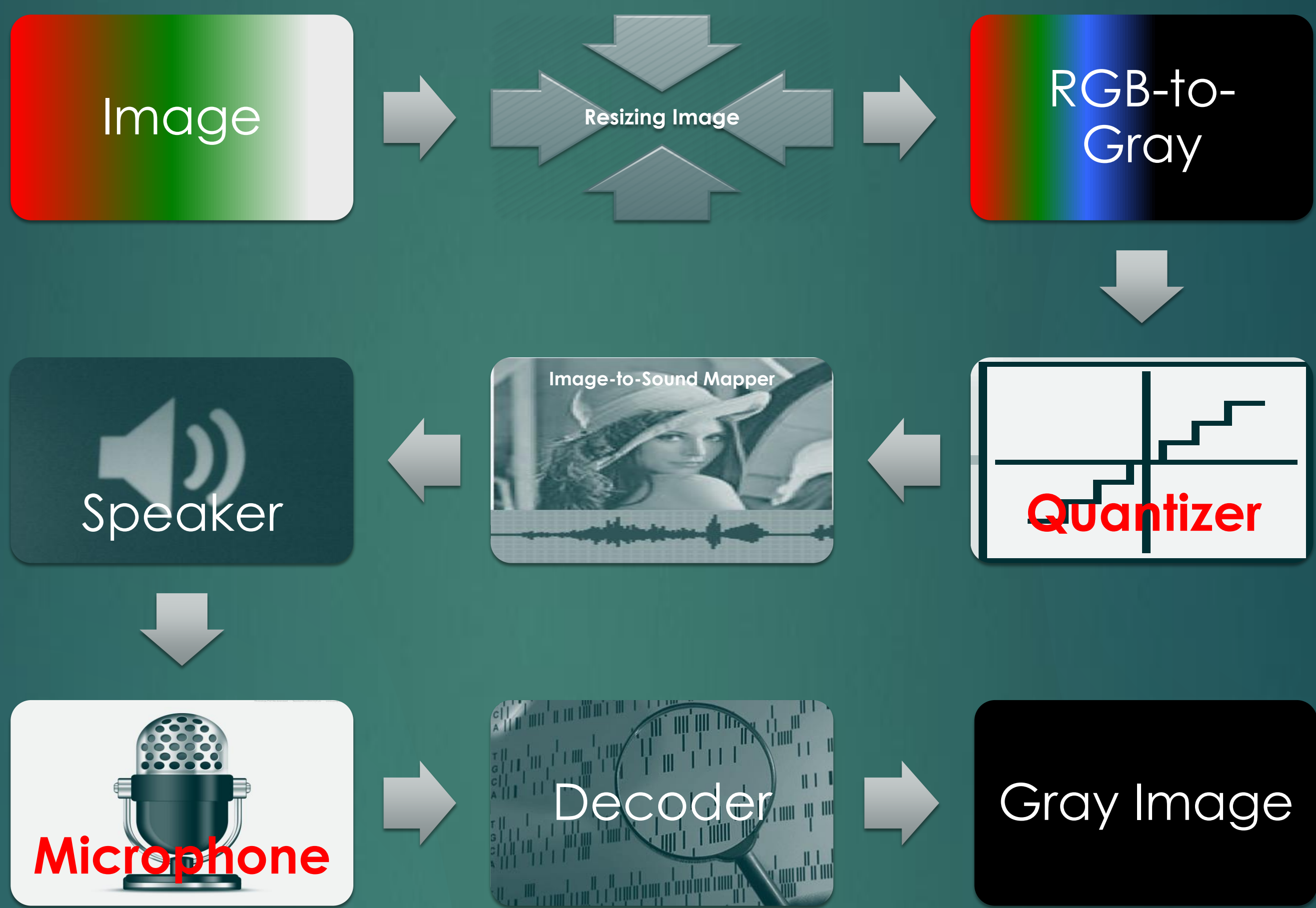


# Cigil – A Framework for Image Transferring over Sound encoding

To transfer data just a speaker and microphone is enough .

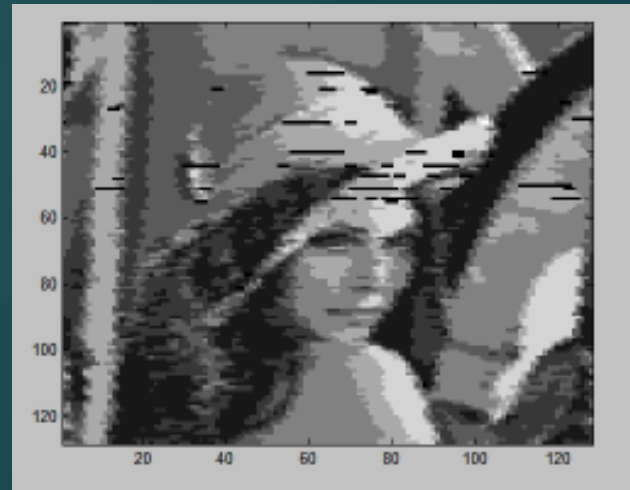
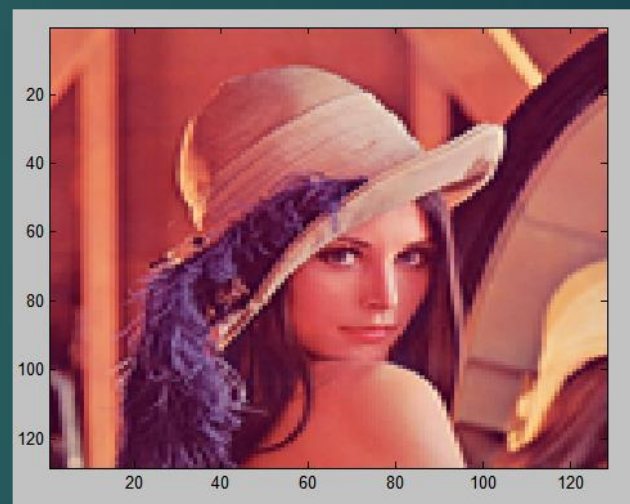
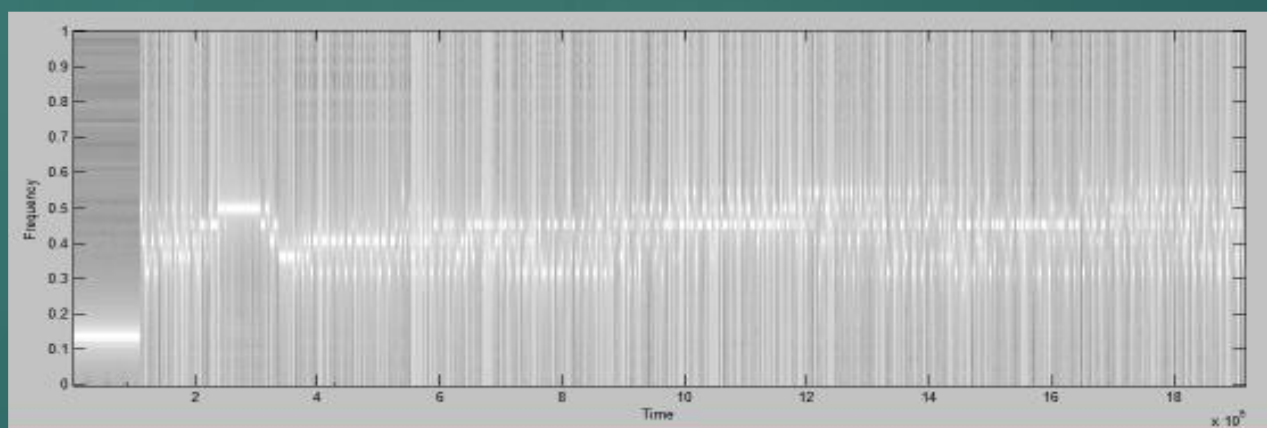
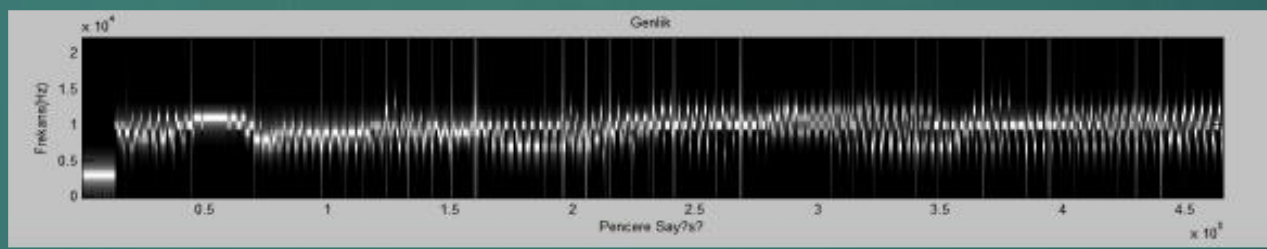
Cigil is meant to be used by non-expert users and compatible with everyday use.

## Block Diagram of Sytem



Gray Level	Mapped Frequency
1	6000Hz
2	7000Hz
3	8000Hz
4	9000Hz
5	10000Hz
6	11000Hz
7	12000Hz
8	13000Hz

### STFT(Short Time Fourier Transform)



High Speed Low error rates

Almost at the theoretical speed limits in the sound spectrum.

Extendible and flex transfer protocol

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