VOICE RECOGNITION SYSTEM

AIM

The basic aim of this project is to create a electrical circuit system which can be attached with the present switch boards without affecting their configuration to make them on or off by simple voice command usually keeping users hand free.

The project targets at PH people and this can become a helping hand to them without straining themselves much and much movement. This can installed any where without affecting present switchboard configurations.

TEAM MEMBERS

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2. Karthik K
3. Nikhil G

IMPLEMENTATION STEPS

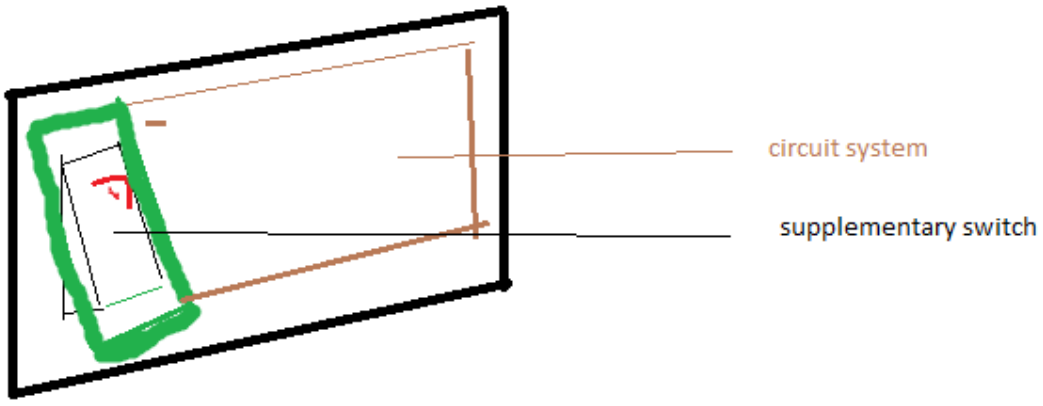
1ST week - Gathering or working out the software that could convert sound waves of speaking person in to electrical signals

2nd week - Creating the circuits synchronised with such software developed.

3rd week – making mechanical supplementary switch and prototype machine system

4th week – adding different voices and working out with efficient circuits and adjust sensitivity

5th week- make a good look of the system and test with various voices



COMPONENTS REQUIRED

1. Microphone
2. Front end

3. Voice model
4. Decoder
5. Modulator
6. Circuits
7. Plastic for mechanical system

PRICE ESTIMATION

Missed brainstorming session need some help in this area.

LEARNING OBJECTIVES

By the end of this project the learning objectives are to understand the simple working of circuits and the processing of audio waves into electrical signals and use this functioning to make many voice recognition systems for mobiles and other accessories in near future.

Note - preference to do in 2nd slot