

PROJECT TITLE:-VOICE RECOGNISING BOT

ABSTRACT:-

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1. *DESCRIPTION:-A four wheeled bot which will move according to the voice signal given in the microphone on the remote controller.*

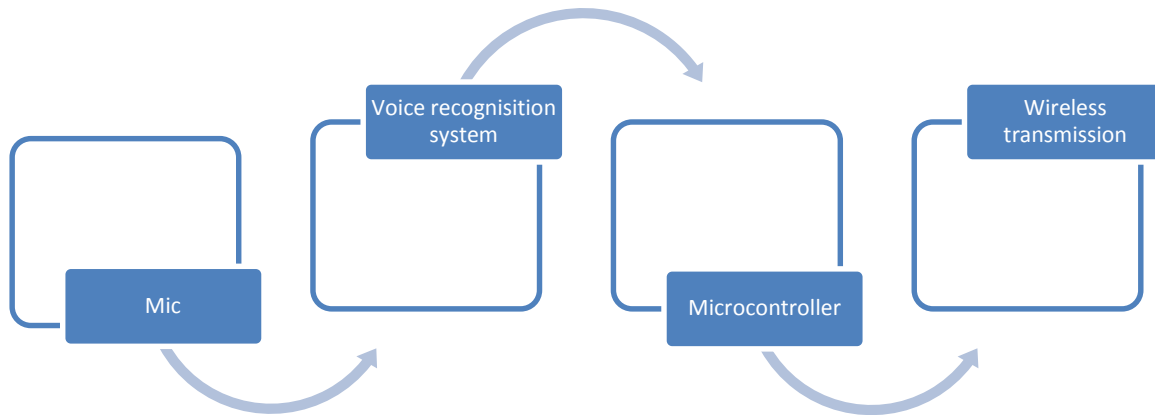
2. *MOTIVATION:-we saw a video of voice controlled LED which switches on and off by a voice signal.*

3. *IMPLEMENTATION:-*

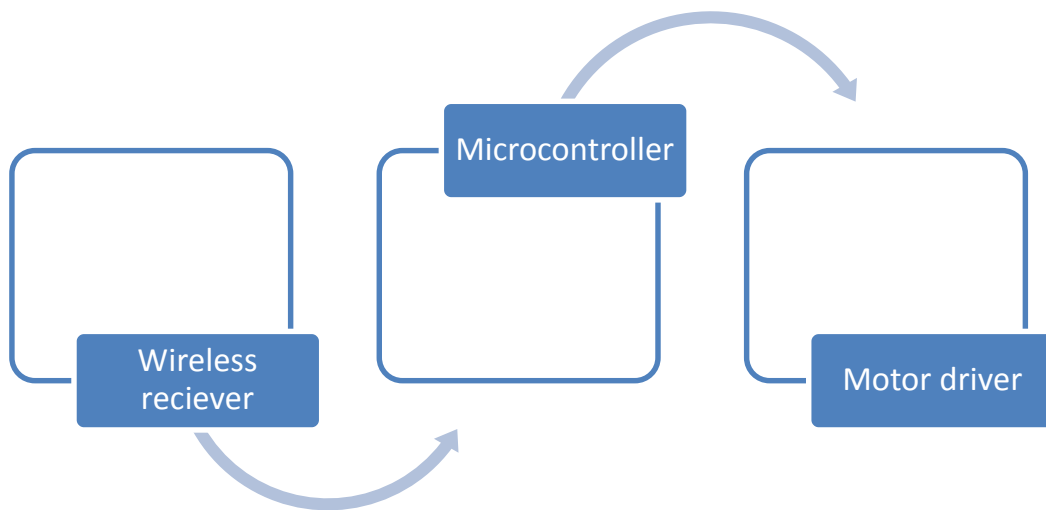
a. Our device will consist of two module module A , module B.

b. Module A:- Transmission module

c. Module B:- Reciving modole



transmission module



receiving module

4. Materials required:-

a. microcontrollers

b. voice recognition system

c. wireless transmitter and receiver

d. materials required to make a bot such as motor drivers, dc motors, battery etc.

COST ESTIMATED:- 5000 INR

5.Learning objective:-

** use of microcontrollers.*

**use of wireless technology.*

6. Timeline:-

** 1st week:-learning how to use microcontrollers and assembling all the mechanical components of bot.*

**2nd week:-programming for microcontroller.*

**3rd week:-assembling all electrical components of bot.*

**4th week:-troubleshooting.*