Abstract

Project Name : Zaviar

Our aim is to build a bot completely controlled by voice commands. It can follow some person with the help of sharp sensors mounted on freely rotating motor. We are using wheels attached with legs for motion(legs are simply straight with no complications)

Implementation steps :

1st and 2nd Week
1. Getting all the required components of project
2. Assembling all mechanical parts of bot
3. Learning voice recognition

3rd Week
1. Electrical circuit
2. Attaching sharp sensors

4th week
1. voice recognition

5th and 6th week
1.Final testing of bot
2. Adding some extra features

Components required :

1. Motors
2. Sharp sensors
3. Battery
4. Arduino
5. Microphone
6. other electrical and mechanical stuff
   (like wheels, chasis, wires, PCB etc.)

Price estimate :
3000-5000 Rs

We will learn many things from this project like voice recognition and use of sharp sensors.