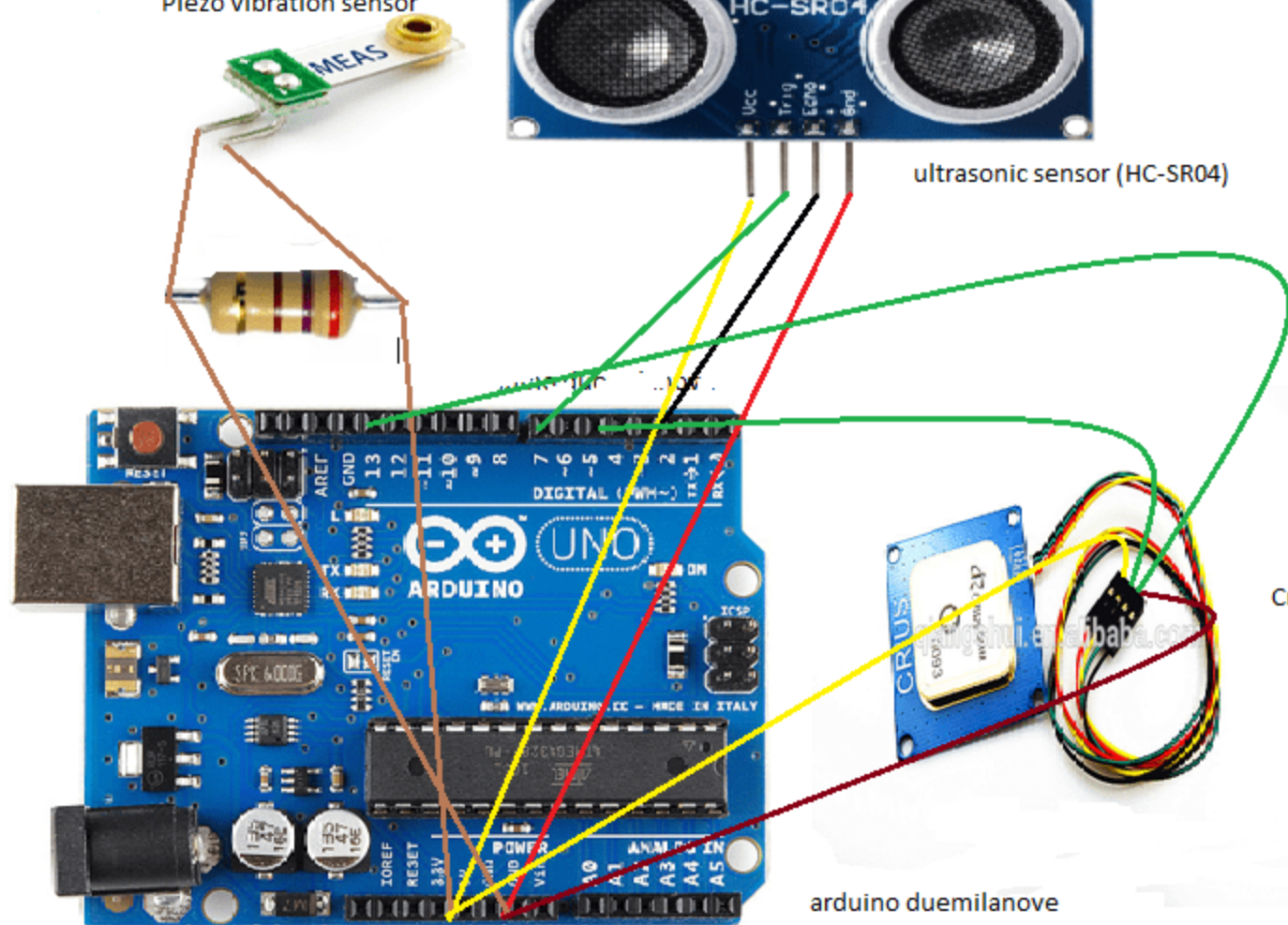


Piezo vibration sensor



ultrasonic sensor (HC-SR04)



arduino duemilanove

Blind's Band

```
graph TD; Root[Blind's Band] --> SR[System Requirements]; Root --> CD[Circuit Designing]; Root --> CA[Circuit Assembling]; Root --> P[Programming]; Root --> T[Testing]; SR --> SR1[1.1 Ultrasonic Sensor HC-SR04]; SR1 --> SR2[1.2 Arduino]; SR2 --> SR3[1.3 Vibrators]; SR3 --> SR4[1.4 Crui neo 6 GPS]; CD --> CD1[2.1 Architecture Designing]; CD1 --> CD2[2.2 Detailed Designing]; CA --> CA1[3.1 Checking Components]; CA1 --> CA2[3.2 Initiate the design]; P --> P1[4.1 Defining ranges for ultrasonic sensors]; P1 --> P2[4.2 Implementing algorithm]; P2 --> P3[4.3 Checking for errors]; T --> T1[5.1 Testing the code]; T1 --> T2[5.2 Testing Circuit components]; T2 --> T3[5.3 Finalizing the band];
```

System Requirements

1.1 Ultrasonic Sensor HC-SR04

1.2 Arduino

1.3 Vibrators

1.4 Crui neo 6 GPS

Circuit Designing

2.1 Architecture Designing

2.2 Detailed Designing

Circuit Assembling

3.1 Checking Components

3.2 Initiate the design

Programming

4.1 Defining ranges for ultrasonic sensors

4.2 Implementing algorithm

4.3 Checking for errors

Testing

5.1 Testing the code

5.2 Testing Circuit components

5.3 Finalizing the band

Gantt Diagram

