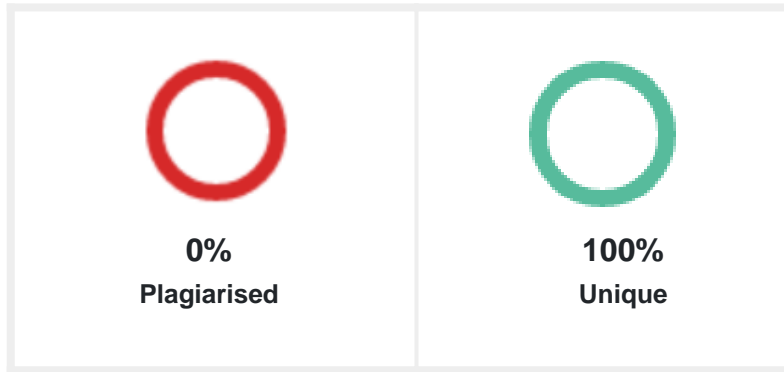


PLAGIARISM SCAN REPORT



Date 2020-03-12

Words 242

Characters 2030

Content Checked For Plagiarism

```
const int sa = 5; //In1 motor sheild const int sb = 6; // In2 motor sheild const int sc = 9; // In3 motor sheild const int sd = 10; //In4 motor sheild
//Ultra sonic Sensor connection const int trigPin = 3; const int echoPin = 4; // long duration; int distance; int vel = 200; // rotaion of wheel //int
estado = 'g'; // intial voice char junk; String estado=""; void setup() { Serial.begin(9600); pinMode(sc, OUTPUT); pinMode(sd, OUTPUT);
pinMode(sa, OUTPUT); pinMode(sb, OUTPUT); pinMode(trigPin, OUTPUT); pinMode(echoPin, INPUT); } void distance1() {
digitalWrite(trigPin, LOW); delayMicroseconds(2); digitalWrite(trigPin, HIGH); delayMicroseconds(10); digitalWrite(trigPin, LOW); duration =
pulseIn(echoPin, HIGH); distance= duration*0.034/2; Serial.print("Distance: "); Serial.println(distance); } void loop() { if(Serial.available())>0){ //
bluetooth connection //estado = Serial.read(); //Serial.println(estado); if(Serial.available()){ while(Serial.available()) { char inChar =
(char)Serial.read(); //read the input estado += inChar; //make a string of the characters coming on serial delay(10); } Serial.println(estado); }
while (Serial.available() > 0) { junk = Serial.read() ; } // clear the serial buffer } distance1(); if(distance<30) { estado="stop";
Serial.println("Object detected!!!"); } if(estado=="go"){ // go front Serial.println("forward "); analogWrite(sa, 0); analogWrite(sb, vel);
analogWrite(sc, 0); analogWrite(sd, vel); } if(estado=="stop"){ //stop Serial.println("stop"); analogWrite(sd, 0); analogWrite(sb, 0);
analogWrite(sa, 0); analogWrite(sc, 0); } if(estado=="back"){ // Reverse Serial.println("backs"); analogWrite(sa, vel); analogWrite(sb, 0);
analogWrite(sc, vel); analogWrite(sd, 0); } if(estado=="left"){ //left aside Serial.println(estado); analogWrite(sa, 0); analogWrite(sb, vel);
analogWrite(sc, vel); /// analogWrite(sd, 0); } if(estado=="right"){ // right aside Serial.println(estado); analogWrite(sa, vel);/// analogWrite(sb, 0);
analogWrite(sc, 0); analogWrite(sd, vel); } estado = ""; }
```

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