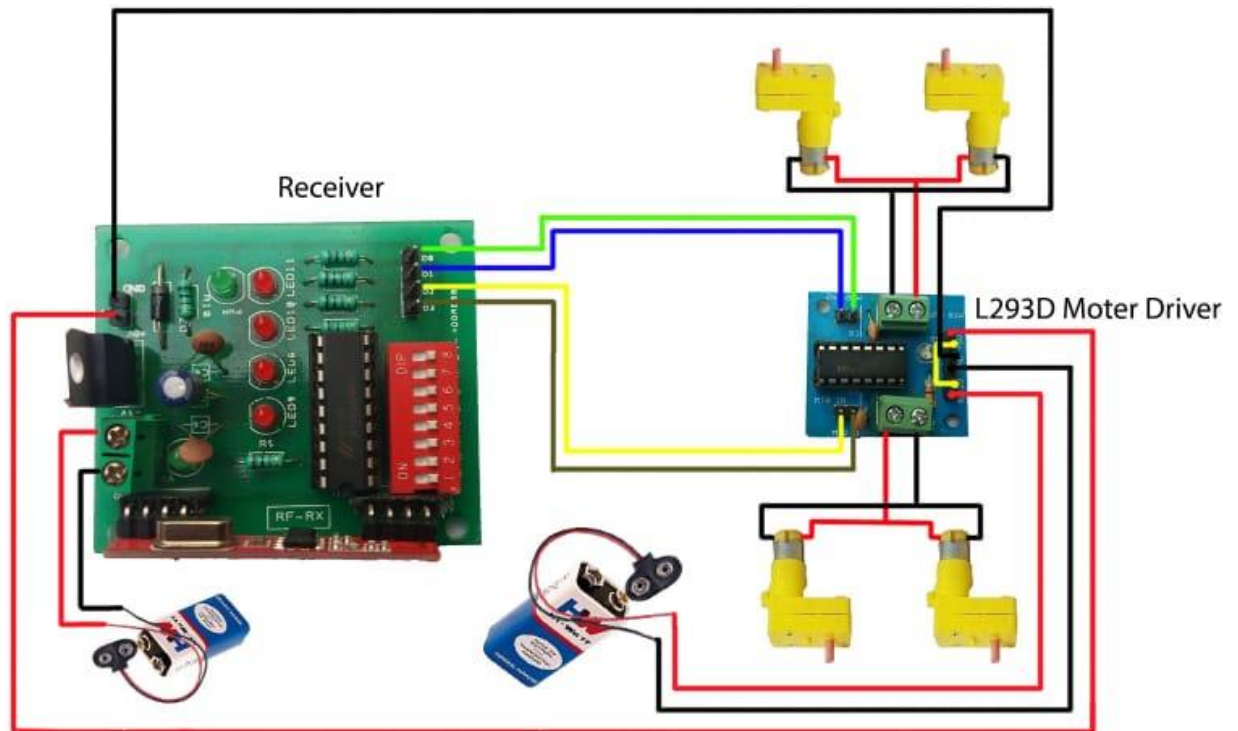


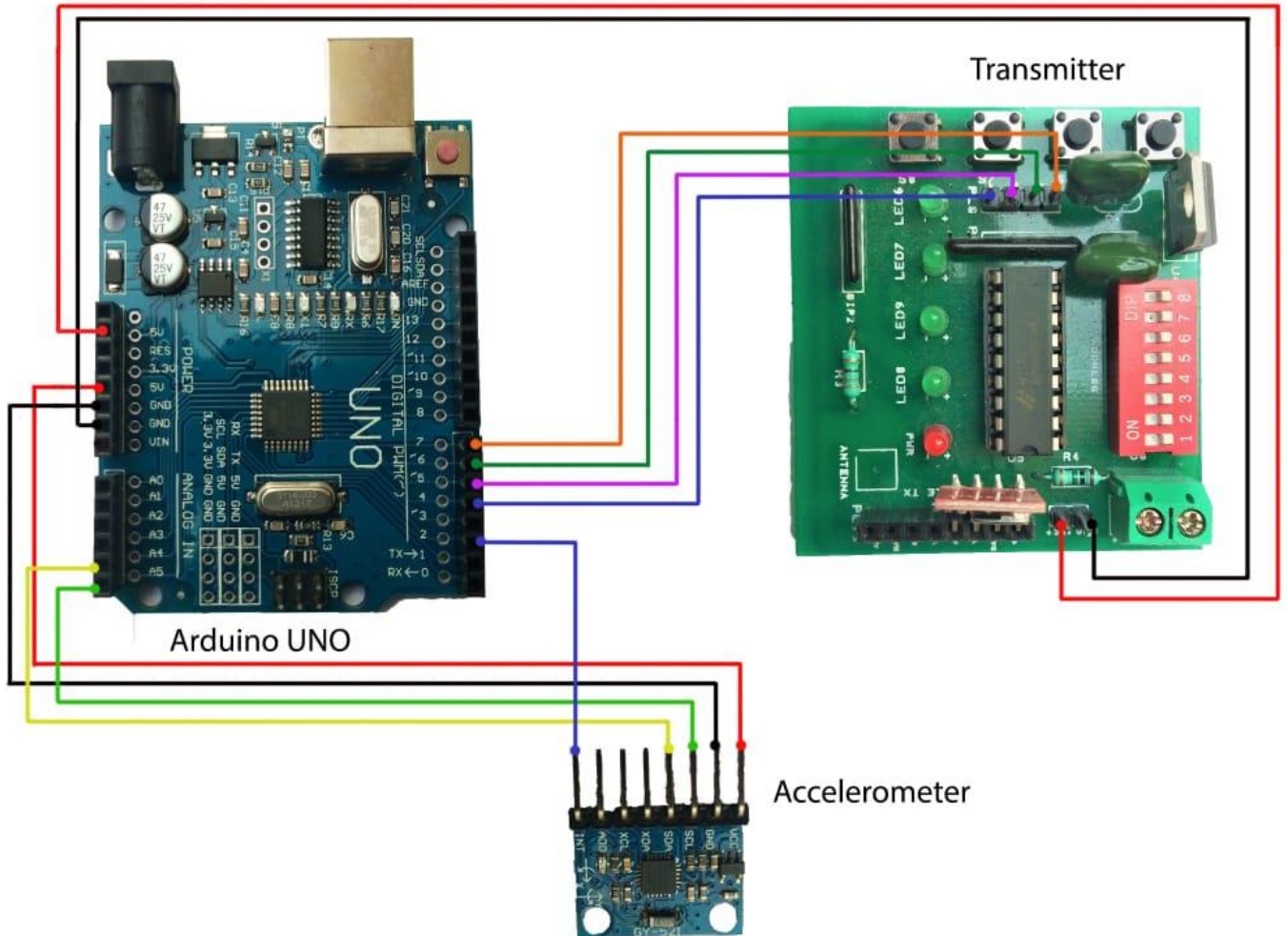
TEAM NAME:- 5 STARS

GESTURE CONTROL CAR

• RX CIRCUIT



• TR CIRCUIT



• CODE FOR GESTUR CONTROL CAR

```
#include <MPU6050_tockn.h>
#include <Wire.h>

MPU6050 mpu6050(Wire);

long timer = 0;

void setup() {

  pinMode(4, OUTPUT);
  pinMode(5, OUTPUT);
  pinMode(6, OUTPUT);
  pinMode(7, OUTPUT);

  Serial.begin(9600);
  Wire.begin();
  mpu6050.begin();
}

void loop() {
  mpu6050.update();

  Serial.print("accX : ");Serial.print(mpu6050.getAccX());
  Serial.print("\taccY : ");Serial.print(mpu6050.getAccY());
  Serial.print("\taccZ : ");Serial.println(mpu6050.getAccZ());

  if (mpu6050.getAccX() >= 0.70)
  {
    //FORWARD
    digitalWrite(4, HIGH);
    digitalWrite(5, LOW);
    digitalWrite(6, LOW);
    digitalWrite(7, HIGH);
  }
  else if(mpu6050.getAccX() <= -0.60)
  {
    //BACKWARD
    digitalWrite(4, LOW);
    digitalWrite(5, HIGH);
    digitalWrite(6, HIGH);
    digitalWrite(7, LOW);
  }
  else if(mpu6050.getAccY() >= 0.60)
```

```
{  
    //LEFT  
    digitalWrite(4, LOW);  
    digitalWrite(5, HIGH);  
    digitalWrite(6, LOW);  
    digitalWrite(7, HIGH);  
  
}  
else if(mpu6050.getAccY() <= -0.60)  
{  
    //RIGHT  
  
    digitalWrite(4, HIGH);  
    digitalWrite(5, LOW);  
    digitalWrite(6, HIGH);  
    digitalWrite(7, LOW);  
}  
else{  
    digitalWrite(4, LOW);  
    digitalWrite(5, LOW);  
    digitalWrite(6, LOW);  
    digitalWrite(7, LOW);  
}  
}
```