Team ID : NM2023TMID10876

Team Leader : Ragul M

Wokwi link: https://wokwi.com/projects/362720572896571393

Code:

```
int PIR = 5;

int buzzer = 6;

int led = 7;

void setup() {

  pinMode(PIR, INPUT);

  pinMode(buzzer, OUTPUT);

  pinMode(led, OUTPUT);

  Serial.begin(9600);

}

void loop() {

  int motion = digitalRead(PIR);

  if (motion == HIGH)

  {

   digitalWrite(led, HIGH);

   digitalWrite(buzzer, HIGH);

   Serial.println("!!!MOTION DETECTED!!!");

   delay(1000);

   digitalWrite(buzzer, LOW);

  } else

  {
```
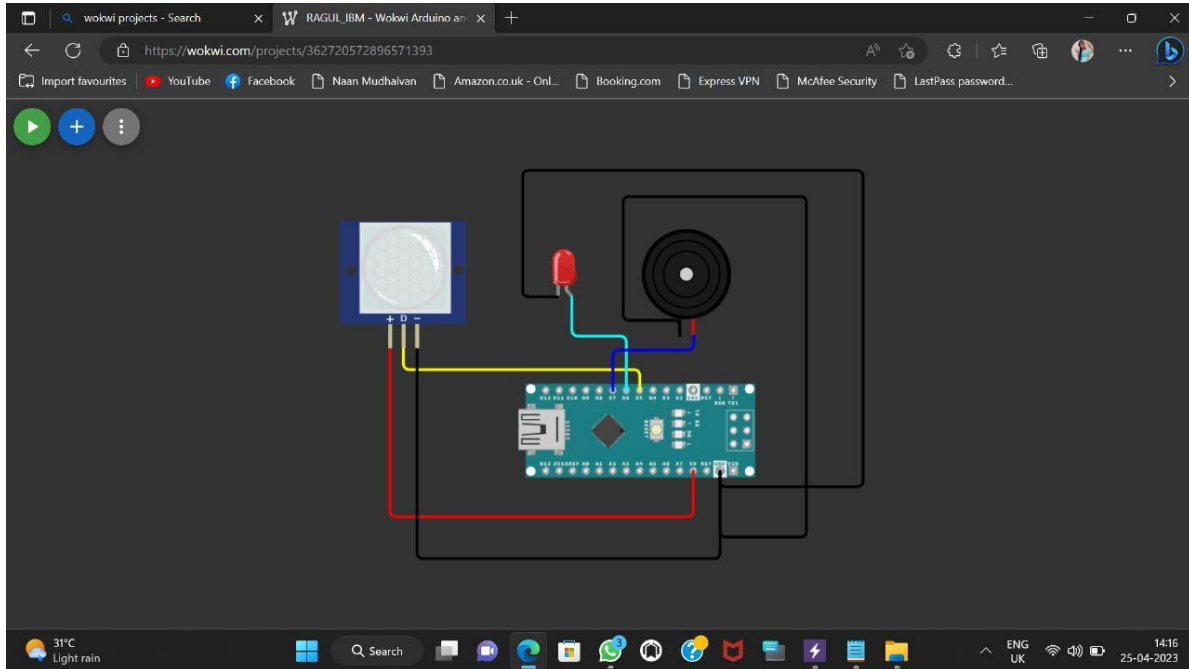
```
  digitalWrite(led, LOW);

 }

}
```

Schematics: