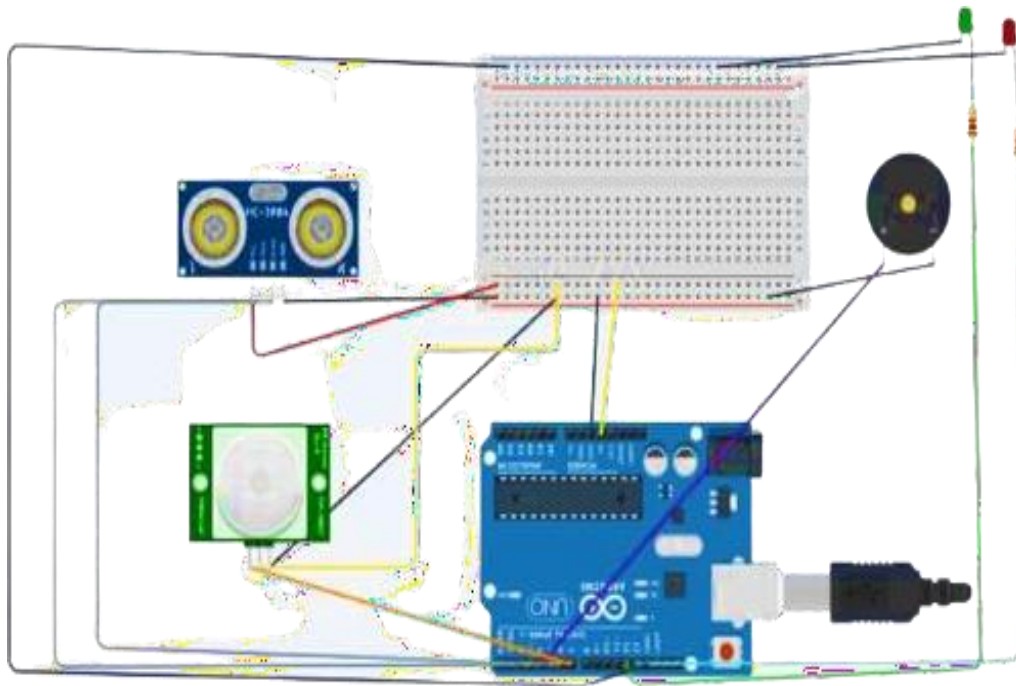


# Industry-specific intelligent fire management system

NAME: JERRIN RAGHUL

ROLL.NO: 95071915016

TEAM.ID: PNT2022TMID54033



```
int buzz = 4;
int pir=7;
int echo = 5;
int trigg = 6;
int pir_led = 12;
int us_led = 13;
int time;
int dist;
void setup()
{
  Serial.begin(9600);
  pinMode(pir_led, OUTPUT);
```

```

pinMode(us_led, OUTPUT);
pinMode(buzz, OUTPUT);
pinMode(pir, INPUT);
pinMode(echo, INPUT);
pinMode(trigg, OUTPUT);
}
void
loop(){ if(digitalRead(pir)=
=HIGH){
Serial.println("THERE IS A PERSON...");
digitalWrite(pir_led, HIGH);
delay(1000);
}
digitalWrite(pir_led, LOW);
digitalWrite(trigg, HIGH);
delayMicroseconds(10);
digitalWrite(trigg, LOW);
time=println(echo,HIGH);
dist=(time*0.034)/2;
if(dist<=50){
Serial.println("A PERSON IS NEAR...");
digitalWrite(us_led,HIGH);
analogWrite(buzz,HIGH);
delay(1000); // Wait for 1000 millisecond(s)
}
else
{
digitalWrite(us_led,LOW);
analogWrite(buzz,LOW);
delay(1000);
}
}
}

```