

Team Code :- PNT2022TMID25198

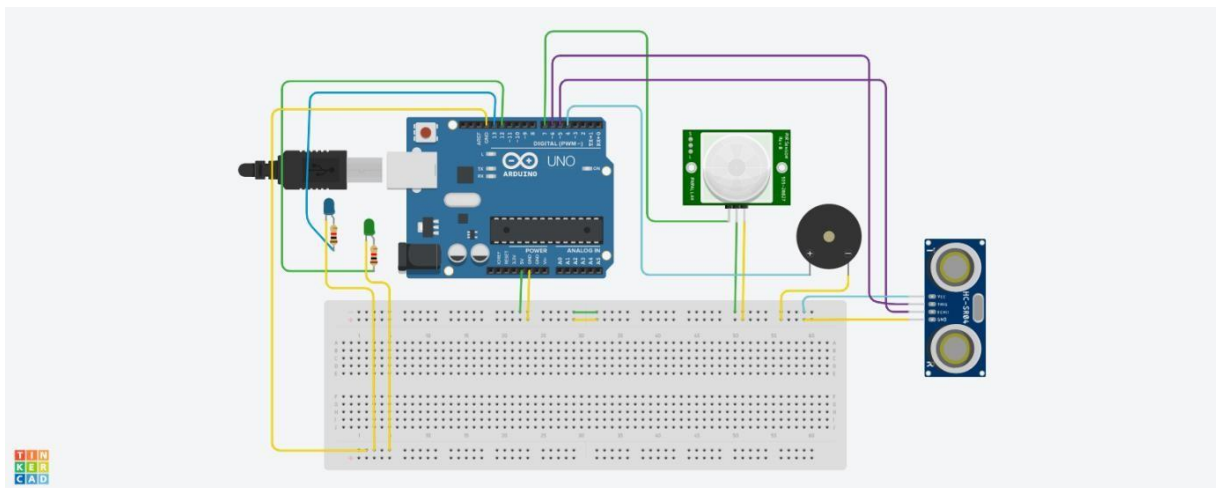
IBM ID :- IBM-Project-55549-1669130850

```
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=pulseIn(echo,HIGH);
dist= (time*0.034)/2;
if (dist<=50)
{
  Serial.println("A person Near...");
  digitalWrite(us_led,HIGH);
  analogWrite(buzz,HIGH);
  delay(1000);
}
else
{
  digitalWrite(us_led,LOW);
  analogWrite(buzz,LOW);
  delay(1000);
}
}

```



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