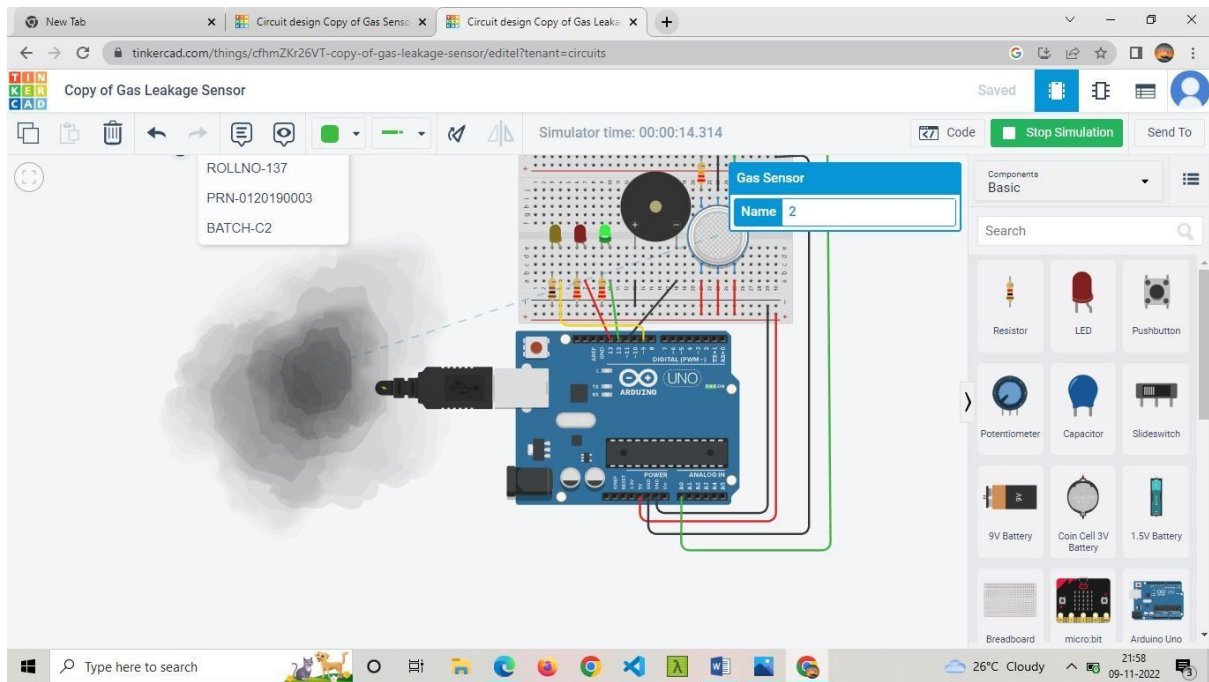# Sprint-3

Date	6 November 2022
Team Id	PNT2022TMID05953
Project Name	Gas Leakage Monitoring and Alerting System for industries

Testing and Training :

```
int greenLed = 12;
int buzzer = 11; int
smokeA0 = A0;
void setup()
{
  pinMode(greenLed, OUTPUT);
pinMode(buzzer, OUTPUT);
pinMode(smokeA0, INPUT);
  Serial.begin(9600);
} void loop() {   int analogSensor =
analogRead(smokeA0);

  Serial.print("Gas Level: ");
Serial.println(analogSensor);   if (analogSensor >
682 && analogSensor < 719)
  {
```

```
    digitalWrite(greenLed, LOW);
tone(buzzer, 3000, 200);

  }
else if(analogSensor > 720)
  {
   digitalWrite(greenLed, LOW);
tone(buzzer, 1000, 200);
  }

  else
  {
   digitalWrite(greenLed, HIGH);
noTone(buzzer);
  }
delay(100);
}
```

The Programmer can design an gas leakage detection model.