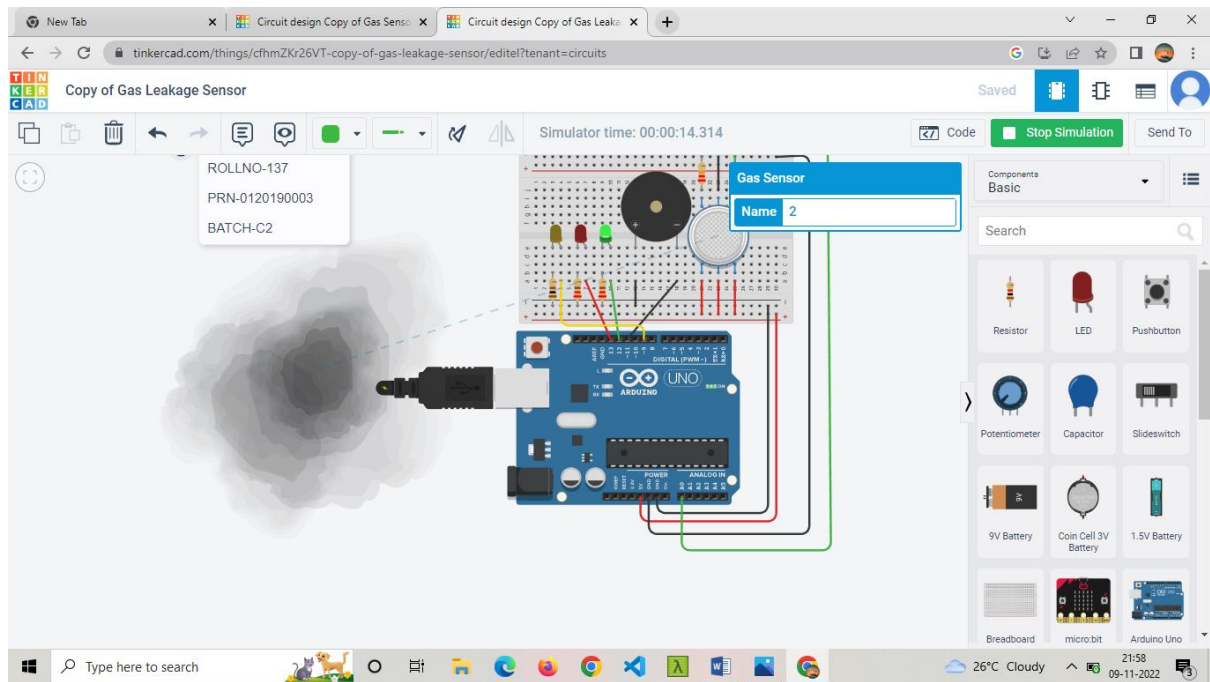| Team Id	PNT2022TMID13299
Project Name	Gas Leakage Monitoring and Alerting System

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.