SCHEMATIC DIAGRAM

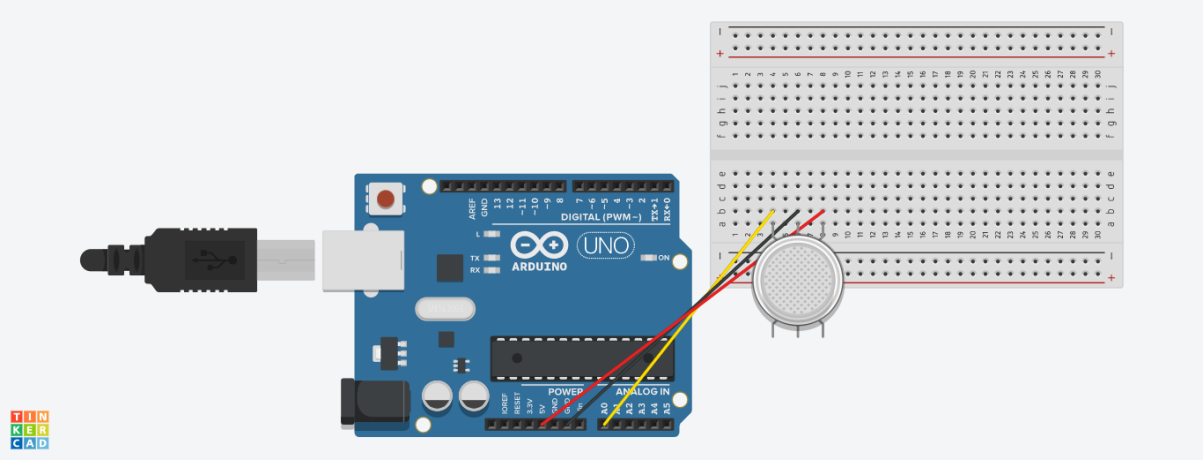
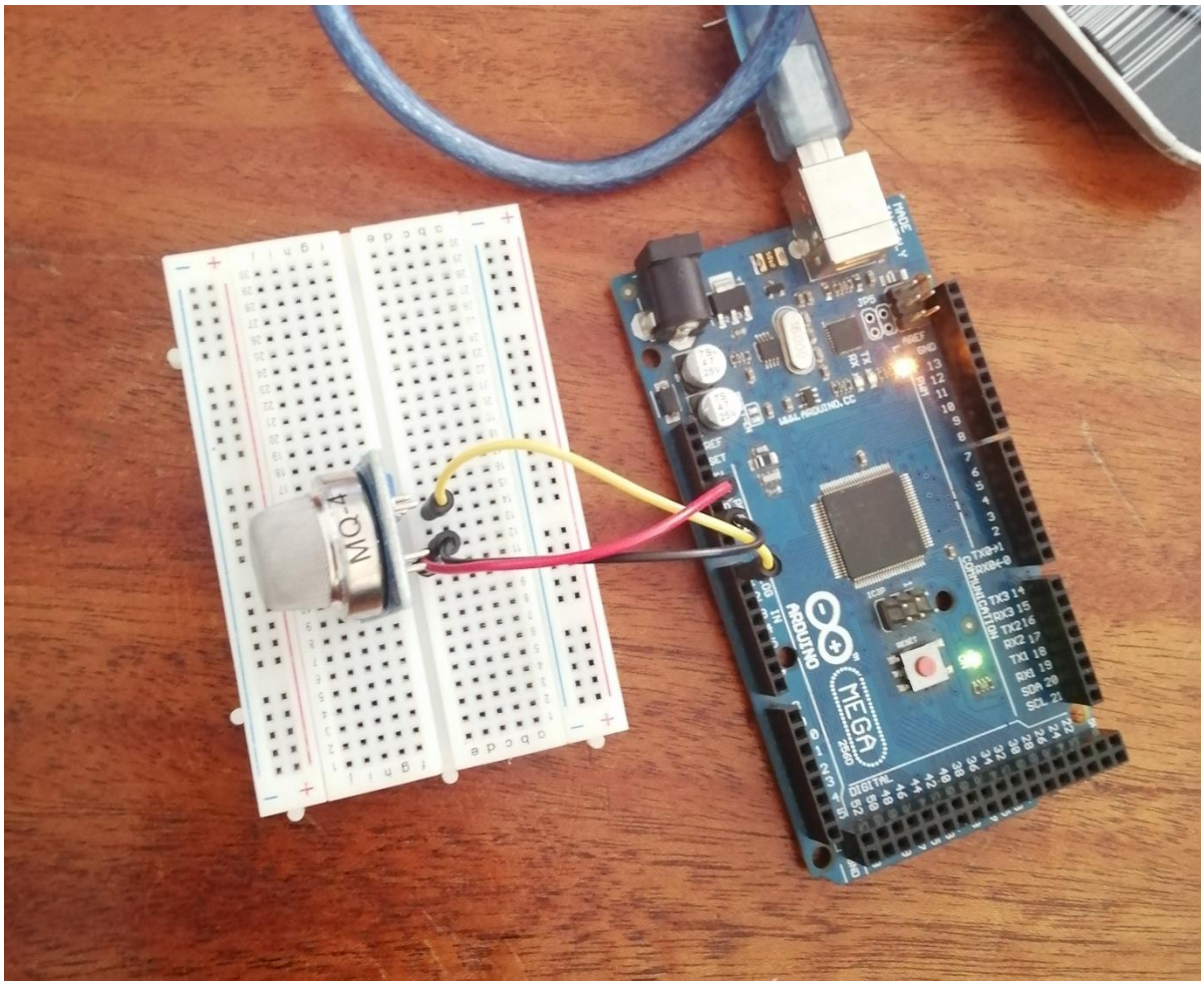


PHOTO OF THE CIRCUIT



CODE

```
int airquality = 0;

void setup() {

  Serial.begin(9600);

}void loop()

{

  int sensorValue = analogRead(A0);

  Serial.print("Air Quality of this room is = ");

  Serial.print(sensorValue);


  Serial.print("*PPM");

  Serial.println();

  delay(1000);

}
```

CHALLENGES FACED

1. Modelling using tinkercard (Specifically finding components like the MQ-4 Gas sensor).
2. Poor network connection. (WI-FI).

REFERENCE

https://www.instructables.com/id/Air-Quality-Check-With-Arduino-Uno/

WHAT WORKED

The sensor was able to read the air quality providing results in PPM on the serial monitor.