Project Images

1.Circuit diagram

Title: gas_sensortest
Date: 6/1/2025, 12:51:25 AM   Sheet: 1/1
Made with Tinkercad®
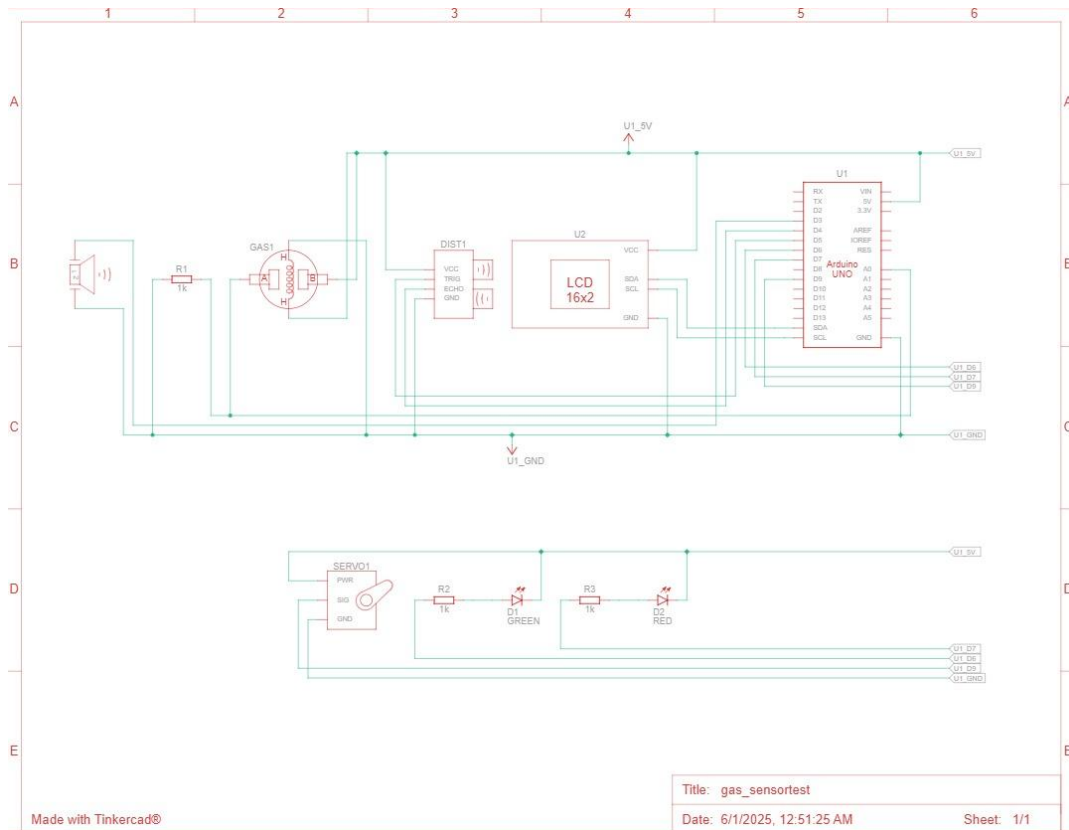
2.Component Chart

Name	Quantity	Component
U1	1	Arduino Uno R3
R1 R2 R3	3	1 kΩ Resistor
U2	1	PCF8574-based, 38 (0x26) LCD 16 x 2 (I2C)
PIEZO1	1	Piezo
DIST1	1	Ultrasonic Distance Sensor (4-pin)
GAS1	1	Gas Sensor
SERVO1	1	Micro Servo
D1	1	Green LED
D2	1	Red LED

3. Prototype Images