CSE-360 PROJECT REPORT: GAS LEAKAGE DETECTOR

**GROUP MEMBERS:**

Md. Tazel Hossan Id – 1921

S M Mehedi Hassan Id – 339

Mushfika Ikfat Munia Id – 2319

Rafnun Nusrat Id – 314

**Sketch.ino**

#include <Wire.h>

#include <LiquidCrystal\_I2C.h>

LiquidCrystal\_I2C lcd(0x27,16,2);

int gas;

int buzzer = 11;

void setup()

{

lcd.init();

lcd.backlight();

Serial.begin(9600);

pinMode(buzzer,OUTPUT);

}

void loop()

{

gas = analogRead(A0);

Serial.println(gas);

lcd.setCursor(0,0);

//lcd.print("Tazel");

lcd.print("value = ");

lcd.print(gas);

if(gas>750)

{

tone(buzzer,400);

delay(400);

noTone(buzzer);

delay(100);

}

else

{

noTone(buzzer);

delay(1000);

}

delay(500);

lcd.clear();

}

**Output :**

