# 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

```cpp
#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 :**