

PROJECT DEVELOPMENT PHASE

SPRINT 2

In Sprint 2, the sensor value is above 500, it will check the gate condition whether it is open or close.

The Servo motor controls the knob of the gate.

If the value is above the threshold, it will send the message "Gas Detected"

CODE:

```
#include<Servo.h>
#include <TinyGPS++.h>
#include <SoftwareSerial.h>
#include<LiquidCrystal_I2C.h>
LiquidCrystal_I2C lcd(32, 16, 2);
int GPSPBaud = 9600;
TinyGPSPlus gps;
SoftwareSerial sgps(13, 15); //Rx , Tx gps
SoftwareSerial sgsm(3, 1); // Rx , Tx gsm
#define KNOB 3
#define LEVER 2
Servo myservo;
```