```
#include <ESP8266WiFi.h>
#include <Servo.h>

#define GAS_SENSOR A0   // MQ-6 or MQ-2
sensor connected to A0
#define THRESHOLD 700   // Adjust
threshold based on calibration

Servo servoMotor;
const int servoPin = D6; // Servo
motor connected to D5

void setup() {
    Serial.begin(115200);
    servoMotor.attach(servoPin);
    servoMotor.write(0); // Ensure
servo is in the initial position
    Serial.println("LPG Gas Leakage
Detection System Initialized");
}
```

```
void loop() {
    int gasValue =
analogRead(GAS_SENSOR);
    Serial.print("Gas Sensor Value:
");
    Serial.println(gasValue);

    if (gasValue > THRESHOLD) {
        Serial.println("Gas leakage
detected! Closing regulator...");
        servoMotor.write(180);
        // Move servo to shut off
regulator
        // Reset position
    }

    delay(1000); // Delay for
stability
}
```