```
#include <Servo.h>

// Define sensor pins
const int mq2Pin = A0;
const int mq6Pin = A1;
const int flamePin = A2;
const int tempPin = A3;
const int relayPin = 7;
const int buzzerPin = 5;
Servo gasValve;

void setup() {
  Serial.begin(9600);
  pinMode(relayPin, OUTPUT);
  pinMode(buzzerPin, OUTPUT);
  gasValve.attach(8);
  gasValve.write(0);
}

void loop() {
  int mq2Value = analogRead(mq2Pin);
  int mq6Value = analogRead(mq6Pin);
  int flameValue = digitalRead(flamePin);
  int tempValue = analogRead(tempPin); // Assuming a simple analog temperature sensor

  // Check for smoke
  if (mq2Value > thresholdSmoke) {
    activateAlarm();
  }
```

```
  // Check for gas
  if (mq6Value > thresholdGas) {
    activateAlarm();
  }

  // Check for flame
  if (flameValue == HIGH) {
    activateAlarm();
  }

  // Example temperature check (assuming a threshold)
  if (tempValue > thresholdTemperature) {
    activateAlarm();
  }

  delay(1000); // Delay for stability
}

void activateAlarm() {
  digitalWrite(relayPin, HIGH); // Activate relay
  digitalWrite(buzzerPin, HIGH); // Sound buzzer
  gasValve.write(90); // Open gas valve to shut off gas
  delay(5000);
  digitalWrite(buzzerPin, LOW);
  digitalWrite(relayPin, LOW);
  gasValve.write(0);
}
```