```cpp
#include <Wire.h>
#include <LiquidCrystal_I2C.h>
#define MQ3_A A0
#define RELAY 7
#define BUZZER 8
// MQ-3 sensor connected to A0
// Relay connected to D7
// Buzzer connected to D8
LiquidCrystal_I2C lcd(0x27, 16, 2); // Adjust I2C address if needed
void setup() {
pinMode(MQ3_A, INPUT);
pinMode(RELAY, OUTPUT);
pinMode(BUZZER, OUTPUT);
digitalWrite(RELAY, HIGH); // Initially, allow motor to run
digitalWrite(BUZZER, LOW); // Buzzer off initially
lcd.begin();
lcd.backlight();
lcd.setCursor(0, 0);
lcd.print(" Alcohol Test ");
delay(2000);
}
void loop() {
int alcoholLevel = analogRead(MQ3_A); // Read sensor value
Serial.println(alcoholLevel); // Debugging
lcd.clear();
lcd.setCursor(0, 0);
if (alcoholLevel > 700) { // Threshold value, adjust as needed
lcd.print("Alcohol Detected!");
lcd.setCursor(0, 1);
lcd.print("Vehicle Stopped!");
digitalWrite(RELAY, LOW); // Motor OFF
digitalWrite(BUZZER, HIGH); // Alarm ON
} else {
lcd.print("No Alcohol!");
lcd.setCursor(0, 1);
lcd.print("Safe Driving!");
digitalWrite(RELAY, HIGH); // Motor ON
digitalWrite(BUZZER, LOW); // Alarm OFF
}
delay(1000);
```