#include <ESP8266WiFi.h>

#include <BlynkSimpleEsp8266.h>

#include <DHT.h>

#define DHTPIN 2

#define DHTTYPE DHT11

DHT dht(DHTPIN, DHTTYPE);

BlynkTimer timer;

char auth[] = " frqpYc3T5gcAMU7y1LVoHKdmOhXRLw8C";

// Your WiFi credentials.

// Set password to "" for open networks.

char ssid[] = "Model Finishing School";

char pass[] = "mfs2988009";

void sendSensor()

{

float h = dht.readHumidity();

float t = dht.readTemperature(); // or dht.readTemperature(true) for Fahrenheit

if (isnan(h) || isnan(t)) {

Serial.println("Failed to read from DHT sensor!");

return;

}

Blynk.virtualWrite(V3, t);

Blynk.virtualWrite(V4, h);

if(t<30||t>40)

{

Blynk.notify("ESP8266 Alert-Temperature Problem");

}

if(h<30||h>40)

{

Blynk.notify("ESP8266 Alert-Humidity Problem");

}

}

void setup()

{

// Debug console

Serial.begin(9600);

Blynk.begin(auth, ssid, pass);

pinMode(D0, INPUT);

pinMode(D1, INPUT);

dht.begin();

}

void loop()

{

Blynk.run();

timer.run();

int MQ9=digitalRead(D0);

Blynk.virtualWrite(V5, MQ9);

if(MQ9>1000)

{

Blynk.notify("ESP8266 Alert-CO level is high!!");

}

int MQ7=digitalRead(D1);

Blynk.virtualWrite(V6, MQ7);

if(MQ7>1500)

{

Blynk.notify("ESP8266 Alert-CH3 level is high!!");

}

}