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#include <ESP8266WiFi.h>
#include <ESP8266WiFiMulti.h>
#include <ESP8266HTTPClient.h>
#include "DHT.h"
DHT dht;

float temp_celsius = 0;
float temp_fahrenheit = 0;

HTTPClient http;
/*****Declare variable*****/

float h, t;
String url = "http://202.44.53.36/chiller.php"; //
String payload; //สำหรับใส่ data

/*****Function read DHT22 & Include Payload*****/
void dht22test() {
    h = dht.getHumidity();
    t = dht.getTemperature();

    payload = "HZON1=" + String(h) + "&" + "TZON1=" + String(t) ;

#define WIFI_STA_NAME "xxx" //SSID
#define WIFI_STA_PASS "xxx" //PASS

    if (isnan(h) || isnan(t) ) {
        Serial.println(F("Failed to read from DHT sensor!"));
        return;
    }
}

/*****Function upload DATA by POST command*****/

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void posteiei() {
  http.begin(url);
  http.addHeader("Content-Type", "application/x-www-form-urlencoded");
  int httpCode = http.POST(payload);
  if (httpCode == 200) {
    String content = http.getString();
    Serial.println("Content -----");
    Serial.println(content);
    Serial.println("-----");
  } else {
    Serial.println("Fail. error code " + String(httpCode));
  }
  Serial.println("END");
}

```

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void setup() {
  Serial.begin(115200);
  dht.setup(D2); // data pin 2
  Serial.println();
  Serial.println();
  Serial.print("Connecting to ");
  Serial.println(WIFI_STA_NAME);

  WiFi.mode(WIFI_STA);
  WiFi.begin(WIFI_STA_NAME, WIFI_STA_PASS);

  while (WiFi.status() != WL_CONNECTED) {
    delay(1000);
    Serial.print(".");
  }

  Serial.println("");
  Serial.println("WiFi connected");
  Serial.println("IP address: ");
  Serial.println(WiFi.localIP());
  Serial.println("Get content from " + url);
}

```

```
void loop() {  
  dht22test(); //call input Value from DHT22  
  posteiei(); //Send Value  
  delay(3000);  
}
```