#include <DHT.h>;

#include "Magellan\_BC95.h"

Magellan\_BC95 magel;

#define DHTTYPE DHT22

#define DHTPIN 7

//Token Key you can get from magellan platform

char auth[]="df122ee8-2096-44a1-a82b-4bcd90a39af1";

String payload;

DHT dht(DHTPIN, DHTTYPE);

void setup() {

Serial.begin(9600);

//init Magellan LIB

magel.begin();

// init dht

dht.begin();

}

void loop() {

delay(2000);

// get dht22 data

float h = dht.readHumidity();

float t = dht.readTemperature();

// convert to string

String Temperature=String(t);

String Humidity=String(h);

String Battery=String(random(100,100));

payload="{\"Temperature\":"+Temperature+",\"Humidity\":"+Humidity+",\"Battery\":"+Battery+"}";

magel.report(payload);

}



