

//upload= <http://projectsiot.xyz/IoTProjects/HelmeT/upload.php?a=N&b=Y&c=N&d=Y>

//view= <http://projectsiot.xyz/IoTProjects/HelmeT/view.php>

```
#include <ESP8266WiFi.h>
#include <ESP8266HTTPClient.h>
#include <String.h>
String a = "http://sms.scubedigi.com/api.php?username=Mydreamacd&password=Mydre@m123&to=8341860383
from=MYDREM&message=";
// WiFi parameters to be configured
const char* ssid = "project123"; // Hoofdlettergevoelig
const char* password = "project123456"; // Hoofdlettergevoelig
String r = "http://projectsiot.xyz/IoTProjects/Women/upload.php?a=";
String iot = "\0";
String rs = "\0";
String rs1 = "\0";

String M = "\0";

String loc1[10] = {"17.2064265","17.2064265","17.2064265","17.2064265","17.2064265","17.2064265","17.20642
5","17.2064265","17.2064265","17.2064265"};
String loc2[10] = {"78.5661755","78.5661755","78.5661755","78.5661755","78.5661755","78.5661755","78.56617
5","78.5661755","78.5661755","78.5661755"};
short randd = 0;
#define button1 D0
#define button2 D4
#define buzzer D1
#define rel D2
void beep ()
{
    digitalWrite(buzzer, HIGH);
    delay(1000);
    digitalWrite(buzzer, LOW);
    delay(100);
}
//-----void setup
void setup() {
    // put your setup code here, to run once:
    Serial.begin(9600);

    pinMode(buzzer,OUTPUT);
    pinMode(button1,INPUT);
    pinMode(button2,OUTPUT);
    pinMode(rel,INPUT);
    Serial.print("Bezig met verbinden");
    WiFi.begin(ssid, password); // Connect to WiFi
    HTTPClient http; //Declare an object of class HTTPClient
    while (WiFi.status() != WL_CONNECTED) {
        delay(500);
        Serial.print(".");
    }
```

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// Verbonden.
Serial.println("OK!");

// Access Point (SSID).
Serial.print("SSID: ");
Serial.println(WiFi.SSID());

// IP adres.
Serial.print("IP: ");
Serial.println(WiFi.localIP());
Serial.println("state-----1");
// Signaalsterkte.
long rssi = WiFi.RSSI();
Serial.print("Signaal sterkte (RSSI): ");
Serial.print(rssi);
Serial.println(" dBm");
Serial.println("");

//-----SMS CONNECT-----
Serial.print("A = "); Serial.println("http://projectsiot.xyz/IoTProjects/HealthCare/healthupload.php?a=U&b=86&c=");
if(WiFi.status()== WL_CONNECTED){ //Check WiFi connection status

    HTTPClient http; //Declare an object of class HTTPClient

    http.begin("http://sms.scubedigi.com/api.php?username=Mydreamacd&password=Mydre@m123&to=8341860383
from=MYDREM&message=gas");

    int httpCode = http.GET(); //Send the request
    if (httpCode > 0) { //Check the returning code
        String payload = http.getString(); //Get the request response payload
        Serial.println(payload); //Print the response payload
    }
    http.end(); //Close connection

    delay(5000);
}

//--WIFI CONNECT-----
Serial.print("A = "); Serial.println("http://projectsiot.xyz/IoTProjects/HelmeT/upload.php?a=U&b=Y&c=Y");
if(WiFi.status()== WL_CONNECTED){ //Check WiFi connection status

    HTTPClient http; //Declare an object of class HTTPClient

    http.begin("http://projectsiot.xyz/IoTProjects/Women/upload.php?a=U");

    int httpCode = http.GET(); //Send the request
    if (httpCode > 0) { //Check the returning code
        String payload = http.getString(); //Get the request response payload
        Serial.println(payload); //Print the response payload
    }
    http.end(); //Close connection

```

```

delay(5000);
}
}
void loop()
{
  randd = random(0,10);
  int BUTTON1=digitalRead(button1);
  Serial.print("Button=");
  Serial.println(BUTTON1);
  if(BUTTON1==0)
  {
    digitalWrite(button2,HIGH);
    digitalWrite(rel,HIGH);
    Serial.println("Women In Danger");
    beep ();
    beep ();
    rs1=a+ "WOMEN%20IN%20DANGERLAT%20PLEASE%20CHECK:"+String(loc1[randd])+"%20LNG:"+String(loc2[randd]);
    sendmesg();
    delay(1000);
    Serial.println("Women In Danger Please help");

    M='Y';
  }
  else
  {
    digitalWrite(rel,LOW);
    digitalWrite(button2,HIGH);
    //digitalWrite(rel,LOW);
    M='N';
    Serial.println("NORMAL.....");

  }
  rs = r+M;
  send2server ();
  delay(1000);

}

void send2server ()
{
  Serial.print("A = "); Serial.println(rs);
  if(WiFi.status()== WL_CONNECTED){ //Check WiFi connection status

    HTTPClient http; //Declare an object of class HTTPClient
    //http.begin("http://sms.scubedigi.com/api.php?username=Mydreamacd&password=Mydre@m123&to=818686257&from=MYDREM&message=gas,LKSDF"); //Specify request destination

    //http.begin("http://projectsiot.xyz/IoTProjects/SchoolChildSecurity/childupdate.php?a=U&b=Y");
    http.begin(rs);

```

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int httpCode = http.GET(); //Send the request
    if (httpCode > 0) { //Check the returning code
        String payload = http.getString(); //Get the request response payload
        Serial.println(payload); //Print the response payload
    }
    http.end(); //Close connection

delay(500);
}
}

void sendmesg ()
{
    Serial.print("mesg = "); Serial.println(rs1);
    if(WiFi.status()== WL_CONNECTED){ //Check WiFi connection status

        HTTPClient http; //Declare an object of class HTTPClient
        http.begin("http://sms.scubedigi.com/api.php?username=Mydreamacd&password=Mydre@m123&to=918211766
        &from=MYDREM&message=gasdetect"); //Specify request destination

        //http.begin("http://projectsiot.xyz/IoTProjects/SchoolChildSecurity/childupdate.php?a=U&b=Y");
        http.begin(rs1);

        int httpCode = http.GET(); //Send the request
        if (httpCode > 0) { //Check the returning code
            String payload = http.getString(); //Get the request response payload
            Serial.println(payload); //Print the response payload
        }
        http.end(); //Close connection

        delay(500);
    }
}
}

```