**ATM Security**

**Coding 1:**  
  
#include <ESP8266WiFi.h>

#include <WiFiClient.h>

#include <ESP8266WebServer.h>

#include <ESP8266HTTPClient.h>

#include "FirebaseESP8266.h" // Install Firebase ESP8266 library

#include <ESP8266WiFi.h>

#define FIREBASE\_HOST "fsenergymeter-default-rtdb.firebaseio.com" //Without http:// or https:// schemes

#define FIREBASE\_AUTH "ZaOvhcaSqi4Trr5BX5RPf0swzjV9VU5O9S3ESMXf"//YtPDJ4OUBbBRV3iGiZRvnjk3PppCdoE0WT3R5bjl

#define WIFI\_SSID "SMART-G"

#define WIFI\_PASSWORD "10112019"

int i=0;

int j=0;

int led = D5; // Connect LED to D5

int fan = D6;

String y="";

//Define FirebaseESP8266 data object

FirebaseData firebaseData;

FirebaseData ledData;

FirebaseData ledDa;

FirebaseJson json;

void setup()

{

Serial.begin(9600);

pinMode(led, OUTPUT);

pinMode(fan, OUTPUT);

WiFi.begin(WIFI\_SSID, WIFI\_PASSWORD);

//Serial.print("Connecting to Wi-Fi");

while (WiFi.status() != WL\_CONNECTED)

{

//Serial.print(".");

delay(300);

}

//Serial.println();

//Serial.print("Connected with IP: ");

// Serial.println(WiFi.localIP());

// Serial.println();

Firebase.begin(FIREBASE\_HOST, FIREBASE\_AUTH);

Firebase.reconnectWiFi(true);

}

void loop() {

j++;

if(j%2==1)

{

y="Lat:11.054819 Long:78.049113";

//y="10.802772074194234, 78.6918725808521";

}

if(j%3==1)

{

y="Lat:11.054819 Long:78.049113";

//y="10.802772074194234, 78.6918725808521";

}

if(j%4==1)

{

y="Lat:11.054819 Long:78.049113";

//y="10.802772074194234, 78.6918725808521";

}

if(j%5==1)

{

y="Lat:11.054819 Long:78.049113";

//y="10.802772074194234, 78.6918725808521";

}

HTTPClient http;

String postData;

postData = "";

http.begin("http://patient.fantasysolution.in/index3.php");//warhc.php

http.addHeader("Content-Type", "application/x-www-form-urlencoded");

int httpCode = http.POST(postData);

String payload = http.getString();

//-Serial.println(payload);

y= payload;

if (String(payload)!="")

{

String k = "9" + payload;

Serial.println(k);}

http.end();

delay(1000);

if (String(payload)!="")

{

String k = y;

//Serial.println(k);

HTTPClient http;

String postData;

postData = "apikey=6555c521622c1&route=transsms&sender=FSSMSS&mobileno=6379333616&text=Dear customer your msg is accidennt location:"+String(y)+"Debited Sent By FSMSG FSSMSS";

http.begin("http://sms.creativepoint.in/api/push.json?");

http.addHeader("Content-Type", "application/x-www-form-urlencoded");

int httpCode = http.POST(postData);

String payload = http.getString();

Serial.println(payload);

http.end();

delay(1000);

}

//while(Serial.available())

//{

//

//

//

//

//HTTPClient http; //6369953959

// String postData;

// String key = Serial.readString();

// postData = "username=fantasy&password=596692&to=6369953959&from=FSSMSS&message=Dear user your msg is "+String(key)+" Sent By FSMSG FSSMSS&PEID=1501563800000030506&templateid=1507162882948811640";

// //Serial.print(postData);

// http.begin("http://smsserver9.creativepoint.in/api.php");

// http.addHeader("Content-Type", "application/x-www-form-urlencoded");

// int httpCode = http.POST(postData);

// String payload = http.getString();

// //Serial.println(payload);

// http.end();

// delay(1000);

//

//

// }

if (Firebase.getString(ledDa, "/fiot/fan")) {

//Serial.println(ledData.stringData());

if (ledDa.stringData() == "1")

{

Firebase.setString(ledDa, "/fiot/fan", "0");

if (Firebase.getString(ledData, "/fiot/MO")) {

String k = "9" + ledData.stringData();

Serial.println(k);

HTTPClient http;

String postData;

postData = "apikey=6555c521622c1&route=transsms&sender=FSSMSS&mobileno=8072834662&text=Dear customer your msg is Amount:"+String(ledData.stringData())+"Debited Sent By FSMSG FSSMSS";

http.begin("http://sms.creativepoint.in/api/push.json?");

http.addHeader("Content-Type", "application/x-www-form-urlencoded");

int httpCode = http.POST(postData);

String payload = http.getString();

Serial.println(payload);

http.end();

delay(1000);

}

else if (ledData.stringData() == "0") {

}

}

}

delay(1000);

}