**ARDINO CODE**

#include <ESP8266WiFi.h>

const char\* ssid = "Pixel\_8954";

const char\* password = "Nirmala0006@";

int ledPin = D5;

WiFiServer server(80);

void setup() {

Serial.begin(115200);

delay(10);

pinMode(ledPin, OUTPUT);

digitalWrite(ledPin, LOW);

// Connect to WiFi network

Serial.println();

Serial.println();

Serial.print("Connecting to ");

Serial.println(ssid);

WiFi.begin(ssid, password);

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

delay(500);

Serial.print(".");

}

Serial.println("");

Serial.println("WiFi connected");

server.begin();

Serial.println("Server started");

Serial.print("Use this URL to connect: ");

Serial.print("http://");

Serial.print(WiFi.localIP());

Serial.println("/");

}

void loop() {

WiFiClient client = server.available();

if (!client) {

return;

}

Serial.println("new client");

while (!client.available()) {

delay(1);

}

String request = client.readStringUntil('r');

Serial.println(request);

client.flush();

int value = LOW;

if (request.indexOf("/LED=ON") != -1) {

digitalWrite(ledPin, HIGH);

value = HIGH;

}

if (request.indexOf("/LED=OFF") != -1) {

digitalWrite(ledPin, LOW);

value = LOW;

}

//

client.println("HTTP/1.1 200 OK");

client.println("Content-Type: text/html");

client.println("");

client.println("<!DOCTYPE HTML>");

client.println("<html>");

//client.println("<style>");

//client.println(".button{position: relative; display: inline-block; width: 120px; height: 68px}");

//

//client.println("</style>");

client.println("<center>");

client.print(" <h1>FDI ATTACK DEMO</h1> ");

if (value == HIGH) {

client.print("On ");

} else {

client.print(" Off ");

}

client.println("<br></br>");

client.print(" <h2>Bulb</h2> ");

client.println(" <a href=""/LED=ON""> <button background-color: #4CAF50; >Turn On </button></a> ");

client.println(" <a href=""/LED=OFF""><button background-color: #4CAF50;>Turn Off </button></a><br /> ");

client.println("</center>");

client.println("</html>");

delay(1);

Serial.println("Client disonnected");

Serial.println("");

}