WORKING CODE FOR WIFI CONNECTION

#include <WiFi.h>

#include <ESPAsyncWebServer.h>

#include <AsyncTCP.h>

//const char\* ssid = "APT 311";

//const char\* password = "Ishanujashreya!6789";

const char\* ssid = "V30+\_6936";

const char\* password = "doraboots";

AsyncWebServer server(80); // HTTP server for the WebSocket

AsyncWebSocket ws("/ws"); // WebSocket endpoint

void onRequest(AsyncWebSocket \*server, AsyncWebSocketClient \*client, AwsEventType type, void \*arg, uint8\_t \*data, size\_t len) {

if (type == WS\_EVT\_CONNECT) {

Serial.println("Client connected");

} else if (type == WS\_EVT\_DISCONNECT) {

Serial.println("Client disconnected");

} else if (type == WS\_EVT\_DATA) {

// Handle received data

String message = String((char\*)data);

Serial.println("Received message: " + message);

if (message == "UP") {

// Move the bot up

} else if (message == "DOWN") {

// Move the bot down

} else if (message == "LEFT") {

// Move the bot left

} else if (message == "RIGHT") {

// Move the bot right

} else if (message == "STOP") {

// Stop the bot

}

}

}

void initWiFi() {

WiFi.mode(WIFI\_AP);

WiFi.softAP(ssid, password);

Serial.print("Access Point Started. IP address: ");

Serial.println(WiFi.softAPIP());

}

void setup() {

Serial.begin(115200);

Serial.println("Going to Connect Now...");

initWiFi();

// Attach WebSocket events

ws.onEvent(onRequest);

server.addHandler(&ws);

// Start the server

server.begin();

Serial.println("Started Server");

}

void loop() {

}

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