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LAMPIRAN

1. Kode Arduino Mega

```
1 //----- Mega-----
2
3 #include <Adafruit_GFX.h> // Core graphics library
4 #include <MCUFRIEND_kbv.h> // Hardware-specific library
5 #include <Fonts/FreeSans9pt7b.h>
6 #include <FreeDefaultFonts.h>
7 #include <Keypad.h>
8 #include <SPI.h> //RFID
9 #include <MFRC522.h> //RFID
10 #include "image.h"
11
12 //-----RFID-----
13 #define RST_PIN 47 // Configurable, see typical pin layout above
14 #define SS_PIN 53 // Configurable, see typical pin layout above
15 MFRC522 rfid(SS_PIN, RST_PIN); // Create MFRC522 instance
16
17
18 //-----Keypad-----
19 const byte ROWS = 4;
20 const byte COLS = 4;
21
22 char hexaKeys[ROWS][COLS] = {
23   {'1', '2', '3', 'A'},
24   {'4', '5', '6', 'B'},
25   {'7', '8', '9', 'C'},
26   {'*', '0', '#', 'D'}
27 };
28 byte rowPins[ROWS] = {30, 32, 34, 36};
29 byte colPins[COLS] = {37, 35, 33, 31};
30
31 Keypad customKeypad = Keypad( makeKeymap(hexaKeys), rowPins, colPins, ROWS, COLS);
32
```

Lebih Lanjut: <https://github.com/fighii/ATM-Beras/tree/main/Mega/main>

2. Kode Wemos

```
1 //-----Wemos-----
2
3 //-----LIBRARY-----
4 #include <ESP8266HTTPClient.h>
5 #include <ESP8266WiFi.h>
6 #include <WiFiClientSecure.h>
7 #include <SoftwareSerial.h>
8
9
10 //-----WIFI-----
11 const char *ssid = "ATM Beras";
12 const char *password = "atmberas";
13
14 //-----Serial-----
15 SoftwareSerial mySerial(D13, D12);
16
17 //-----Milis-----
18 unsigned long last_millis;
19
20 void setup() {
21   //-----WIFI-----
22   Serial.begin(115200);
23   Serial.println(" ");
24   WiFi.mode(WIFI_OFF);
25   delay(1000);
26   WiFi.mode(WIFI_STA);
27   WiFi.begin(ssid, password);
28   Serial.println("");
29   Serial.print("Connecting");
30   while (WiFi.status() != WL_CONNECTED) {
31     delay(500);
32     Serial.print(".");

```

Lebih Lanjut: <https://github.com/fighii/ATM-Beras/tree/main/Wemos/main>

3. Kode Web

```
1 <?php
2
3 session_start();
4
5 if (isset($_SESSION['userlogin'])) {
6     if ($_SESSION['role'] == "staff") {
7         header("Location: staff.php");
8     } else {
9         header("Location: admin.php");
10    }
11 }
12
13 include "koneksi.php";
14
15 if ($_SERVER['REQUEST_METHOD'] == "POST") {
16     if ($_POST['username'] == "" || $_POST['password'] == "" || $_POST['role'] == "") {
17         ?>
18         <script>
19             window.alert("Field tidak boleh kosong, Ulangi");
20         </script>
21         <?php
22     } else {
23         $sql = "SELECT * FROM users WHERE username = ? AND role = ?";
24         $stmt = $db->prepare($sql);
25         $stmt->bindValue(1, $_POST['username']);
26         $stmt->bindValue(2, $_POST['role']);
27         if ($stmt->execute()) {
28             if ($stmt->rowCount() > 0) {
29                 $data = $stmt->fetch(PDO::FETCH_ASSOC);
30                 if ($data['password'] == $_POST['password']) {
31                     if ($data['role'] == "admin") {
32                         $_SESSION['userlogin'] = [
33                             "username" => $data['username'],
34                             "fullname" => $data['fullname']
35                         ];
36                         $_SESSION['role'] = "admin";
37                         header("Location: admin.php");
38                     } else if ($data['role'] == "staff") {
```

Lebih Lanjut : <https://github.com/fighii/ATM-Beras/tree/main/Web%20ATM%20Beras>