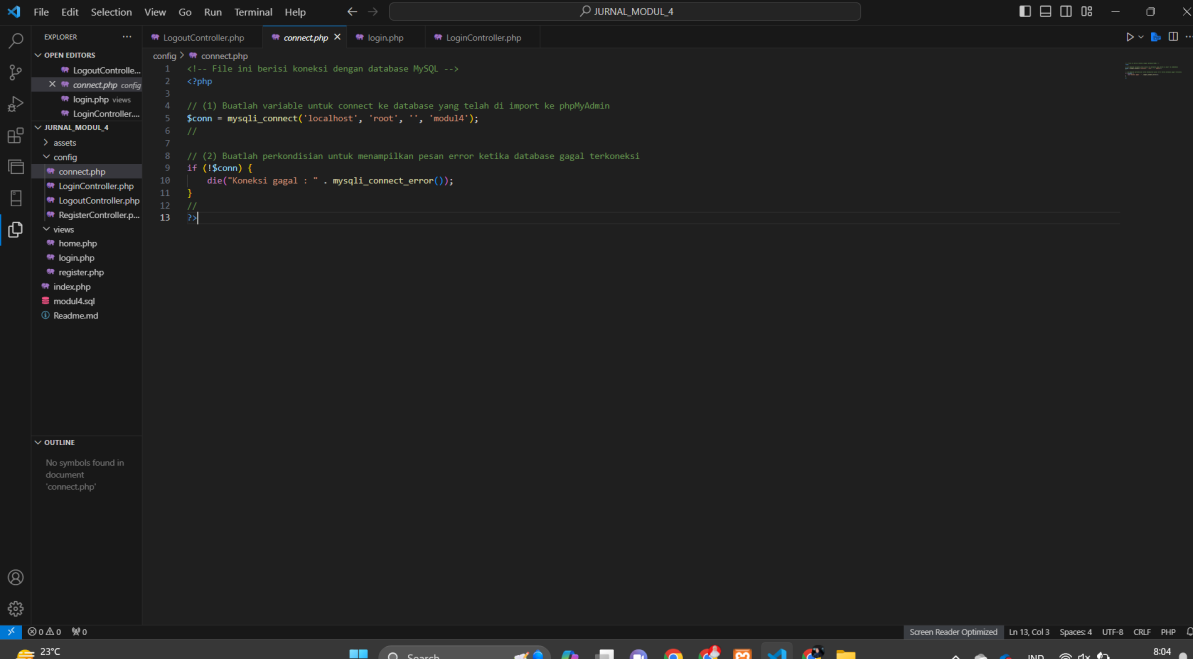


Nama : Atiyah Zahra
NIM : 1202210319
Kelas : SI-45-03

PRAKTIKUM PENGEMBANGAN APLIKASI WEB JURNAL MODUL 4

Source Code

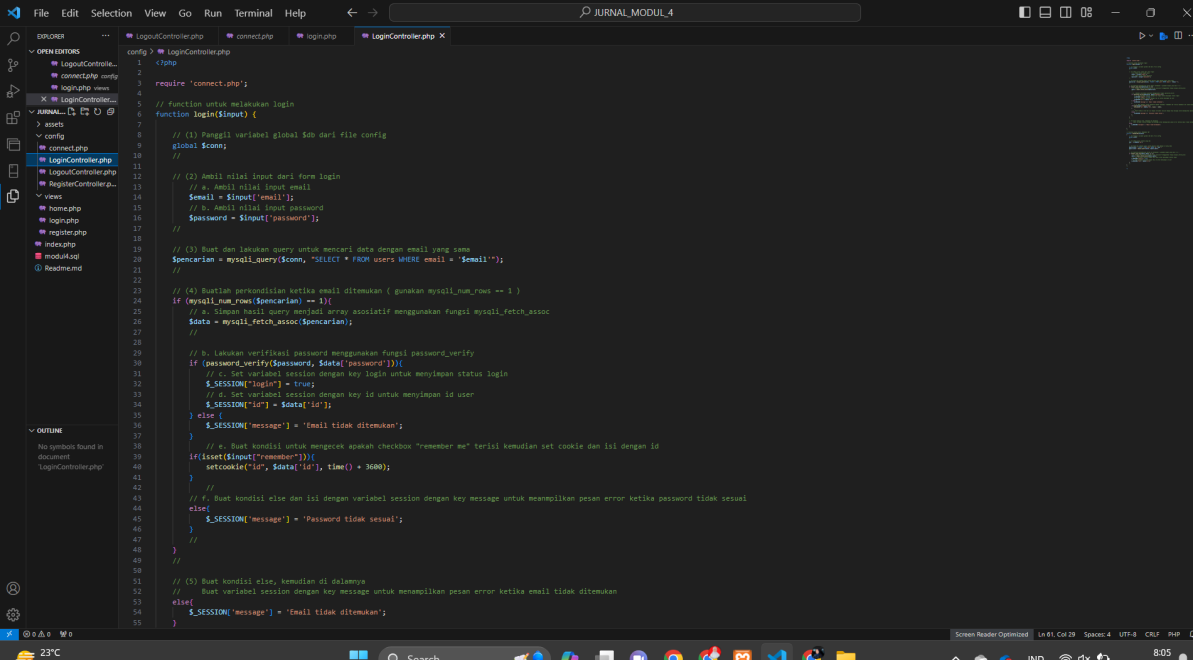
1. Connection



```
File Edit Selection View Go Run Terminal Help JURNAL_MODUL_4
EXPLORER
  OPEN EDITORS
    LogoutController.php
    connect.php
    login.php
    LoginController.php
  JURNAL_MODUL_4
    assets
    config
    connect.php
    LoginController.php
    LogoutController.php
    RegisterController.php
    views
      home.php
      login.php
      register.php
      index.php
      moduls4aj
      Readme.md
  OUTLINE
    No symbols found in document 'connect.php'

config > connect.php
1 <!-- File ini berisi koneksi dengan database MySQL -->
2 <?php
3
4 // (1) Buatlah variabel untuk connect ke database yang telah di import ke phpMyAdmin
5 $conn = mysqli_connect('localhost', 'root', '', 'modul4');
6 //
7
8 // (2) Buatlah perkondisian untuk menampilkan pesan error ketika database gagal terkoneksi
9 if (!$conn) {
10     die("Koneksi gagal : " . mysqli_connect_error());
11 }
12 //
13 >
```

2. Login Controller



```
File Edit Selection View Go Run Terminal Help JURNAL_MODUL_4
EXPLORER
  OPEN EDITORS
    LogoutController.php
    connect.php
    login.php
    LoginController.php
  JURNAL_MODUL_4
    assets
    config
    connect.php
    LoginController.php
    LogoutController.php
    RegisterController.php
    views
      home.php
      login.php
      register.php
      index.php
      moduls4aj
      Readme.md
  OUTLINE
    No symbols found in document 'LoginController.php'

config > LoginController.php
1 <?php
2
3 require 'connect.php';
4
5 // Function untuk melakukan login
6 function login($input) {
7
8     // (1) Panggil variabel global $db dari file config
9     global $conn;
10
11     // (2) Ambil nilai input dari form login
12     // a. Ambil nilai input email
13     $email = $input['email'];
14     // b. Ambil nilai input password
15     $password = $input['password'];
16
17     // (3) Buat dan lakukan query untuk mencari data dengan email yang sama
18     $pencarian = mysqli_query($conn, "SELECT * FROM users WHERE email = '$email'");
19
20     // (4) Buat perkondisian ketika email ditemukan (gunakan mysqli_num_rows == 1)
21     if (mysqli_num_rows($pencarian) == 1) {
22         // a. Simpan hasil query menjadi array asosiatif menggunakan fungsi mysqli_fetch_assoc
23         $data = mysqli_fetch_assoc($pencarian);
24
25         // b. Lakukan verifikasi password menggunakan fungsi password_verify
26         if (password_verify($password, $data['password'])) {
27             // c. Set variabel session dengan key login untuk menyimpan status login
28             $_SESSION['login'] = true;
29             // d. Set variabel session dengan key id untuk menyimpan id user
30             $_SESSION['id'] = $data['id'];
31         } else {
32             $_SESSION['message'] = 'Email tidak ditemukan';
33         }
34         // e. Buat kondisi untuk mengecek apakah checkbox "remember me" terlis kemudian set cookie dan isi dengan id
35         if(isset($input['remember'])){
36             setcookie('id', $data['id'], time() + 3600);
37         }
38         // f. Buat kondisi else dan isi dengan variabel session dengan key message untuk menampilkan pesan error ketika password tidak sesuai
39         else{
40             $_SESSION['message'] = 'Password tidak sesuai';
41         }
42     }
43
44     // (5) Buat kondisi else, kemudian di dalamnya
45     // Buat variabel session dengan key message untuk menampilkan pesan error ketika email tidak ditemukan
46     else{
47         $_SESSION['message'] = 'Email tidak ditemukan';
48     }
49
50 }
51
52
53
54
55 }
```


4. Register Controller

```
File Edit Selection View Go Run Terminal Help JOURNAL_MODUL_4

EXPLORER
  config > RegisterController.php
  LoginController.php
  RegisterController.php
  login.php
  RegisterController.php
  LoginController.php
  assets
  config
  connect.php
  LoginController.php
  RegisterController.php
  views
  home.php
  login.php
  register.php
  index.php
  modulaKaj
  Readme.md

OUTLINE
  No symbols found in document
  RegisterController.php

1 <?php
2
3 require 'connect.php';
4
5 // (1) Mulai session
6 session_start();
7
8 // (2) Ambil nilai input dari form registrasi
9
10 // a. Ambil nilai input email
11 $email = $_POST['email'];
12 // b. Ambil nilai input name
13 $name = $_POST['name'];
14 // c. Ambil nilai input username
15 $username = $_POST['username'];
16 // d. Ambil nilai input password
17 $password = $_POST['password'];
18 // e. Simpan nilai input password menjadi hash menggunakan fungsi password_hash()
19 $password = password_hash($password, PASSWORD_DEFAULT);
20
21
22 // (3) Buat dan lakukan query untuk mencari data dengan email yang sama dari nilai input email
23 $query_user = "SELECT * FROM users WHERE email = '$email'";
24 $result = mysqli_query($conn, $query_user);
25
26 // (4) Buatlah kondisi ketika tidak ada data email yang sama (gunakan mysqli_num_rows == 0)
27 if(mysqli_num_rows($result) == 0){
28 // a. Buatlah query untuk melakukan insert data ke dalam database
29 $query_insert = "INSERT INTO users VALUES ('', '$name', '$username', '$email', '$password')";
30 $insert = mysqli_query($conn, $query_insert);
31 // b. Buatlah kondisi ketika query insert berhasil dilakukan
32 // Buat di dalam variabel session dengan key message untuk menampilkan pesan pendaftaran berhasil
33 if($insert){
34 $SESSION['message'] = "Pendaftaran Sukses, Silakan Login";
35 header("Location: ../views/login.php");
36 }else{
37 $SESSION['message'] = "Daftar Akun Gagal";
38 }
39 }
40
41 // (5) Buat juga kondisi else
42 // Buat di dalam variabel session dengan key message untuk menampilkan pesan error karena data email sudah terdaftar
43 else{
44 $SESSION['message'] = "Email sudah terdaftar";
45 header("Location: ../views/register.php");
46 }
47
48
49
50
51
52
53
54
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100
```

5. Home

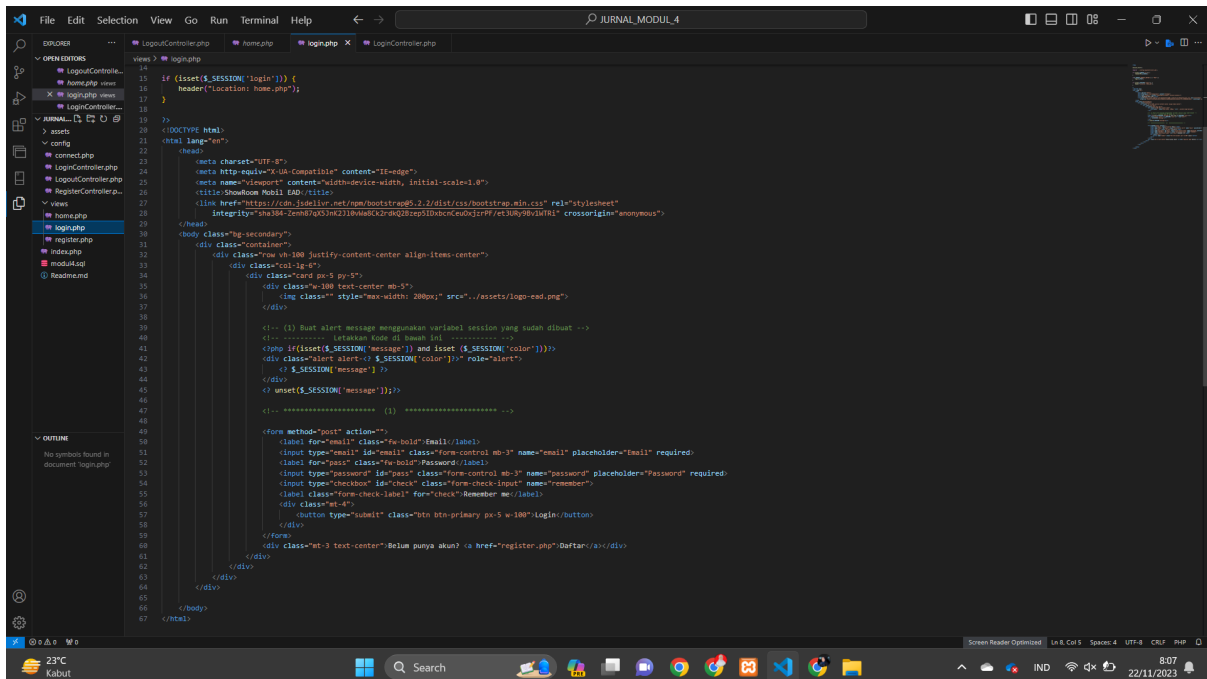
```
File Edit Selection View Go Run Terminal Help JOURNAL_MODUL_4

EXPLORER
  config > home.php
  LoginController.php
  RegisterController.php
  login.php
  RegisterController.php
  LoginController.php
  assets
  config
  connect.php
  LoginController.php
  RegisterController.php
  views
  home.php
  login.php
  register.php
  index.php
  modulaKaj
  Readme.md

OUTLINE
  No symbols found in document
  home.php

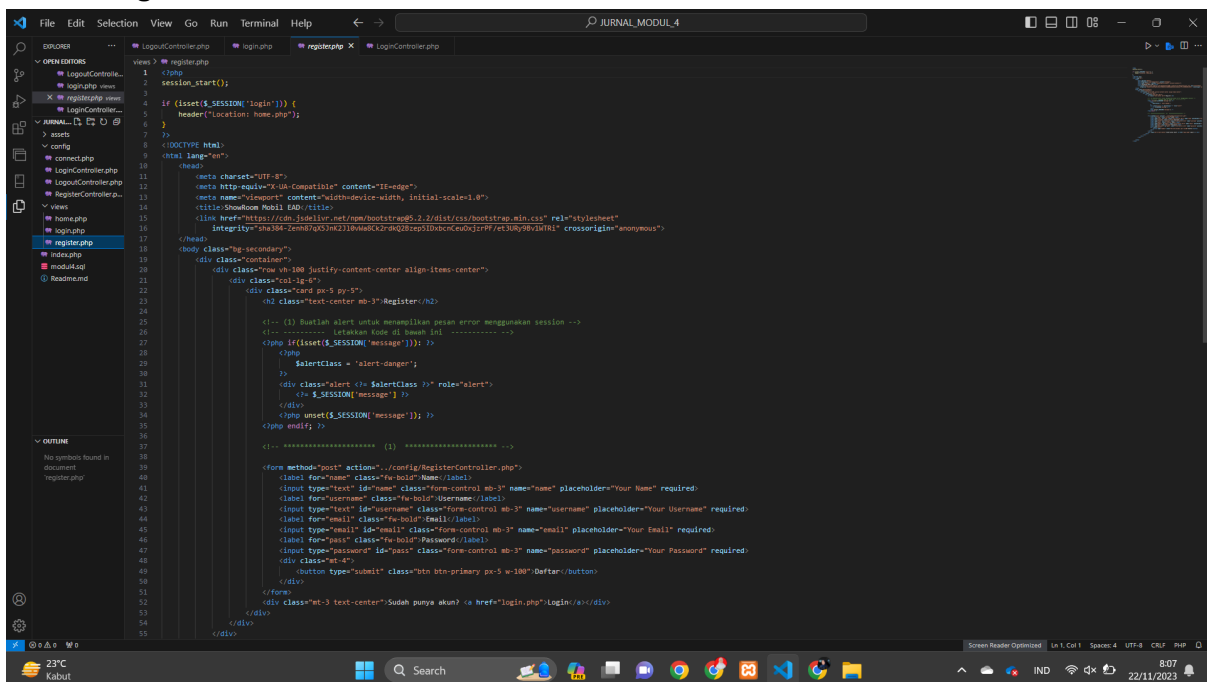
1 <?php
2
3 session_start();
4
5 require '../config/connect.php';
6
7 if (isset($_SESSION['login'])){
8 header("Location: login.php");
9 }
10
11 // (1) Buat variabel untuk menyimpan id user berdasarkan session dengan key id
12 // Kemudian lakukan query untuk mencari id user menggunakan variabel yang sudah dibuat
13 $user_id = $_SESSION['id'];
14
15 $query_data = "SELECT * FROM users WHERE id='$user_id'";
16 $hasil_data = mysqli_query($conn, $query_data);
17
18 // (2) Buatlah kondisi ketika id ditemukan (gunakan mysqli_num_rows == 1)
19 if(mysqli_num_rows($hasil_data) == 1){
20 // a. Simpan hasil query menjadi array asosiatif menggunakan fungsi mysqli_fetch_assoc dalam variabel $data
21 $data = mysqli_fetch_assoc($hasil_data);
22
23 }
24
25
26
27
28
29
30
31
32
33
34
35
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40
41
42
43
44
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86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
```

6. Login



```
14
15
16 if (isset($_SESSION['login'])) {
17     header("Location: home.php");
18 }
19
20 <DOCTYPE html>
21 <html lang="en">
22 <head>
23     <meta charset="UTF-8">
24     <meta http-equiv="X-UA-Compatible" content="IE=edge">
25     <meta name="viewport" content="width=device-width, initial-scale=1.0">
26     <title>ShowRoom Mobil EAD </title>
27     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
28         integrity="sha384-Zem67Q3N3H2J1DvW80C2ZrDq28p5D80C0e0b3rPPfctJ9Y9bV1R1" crossorigin="anonymous">
29 </head>
30 <body class="bg-secondary">
31     <div class="container">
32         <div class="row w-100 justify-content-center align-items-center">
33             <div class="col-lg-6">
34                 <div class="card px-5 py-3">
35                     <div class="text-center mb-5">
36                         
37                     </div>
38
39                     <!-- (1) Buat alert message menggunakan variabel session yang sudah dibuat -->
40                     <!-- (2) Buat alert message menggunakan variabel session yang sudah dibuat -->
41                     <php if(isset($_SESSION['message'])) and isset($_SESSION['color'])>
42                         <div class="alert alert-> $_SESSION['color']" role="alert">
43                             <? $_SESSION['message']>
44                         </div>
45                     <? unset($_SESSION['message']);>
46
47                     <!-- (3) Buat alert message menggunakan variabel session yang sudah dibuat -->
48
49                     <form method="post" action=".">
50                         <div class="form-group">
51                             <input type="text" id="email" class="form-control mb-3" name="email" placeholder="Email" required>
52                             <input type="password" id="password" class="form-control mb-3" name="password" placeholder="Password" required>
53                             <input type="checkbox" id="remember" class="form-check-input" name="remember">
54                             <label class="form-check-label" for="remember"> Remember me</label>
55                         </div>
56                         <button type="submit" class="btn btn-primary px-5 w-100">Login</button>
57                     </form>
58
59                     <div class="text-center">
60                         <a href="register.php">Daftar</a>
61                     </div>
62                 </div>
63             </div>
64         </div>
65     </body>
66 </html>
```

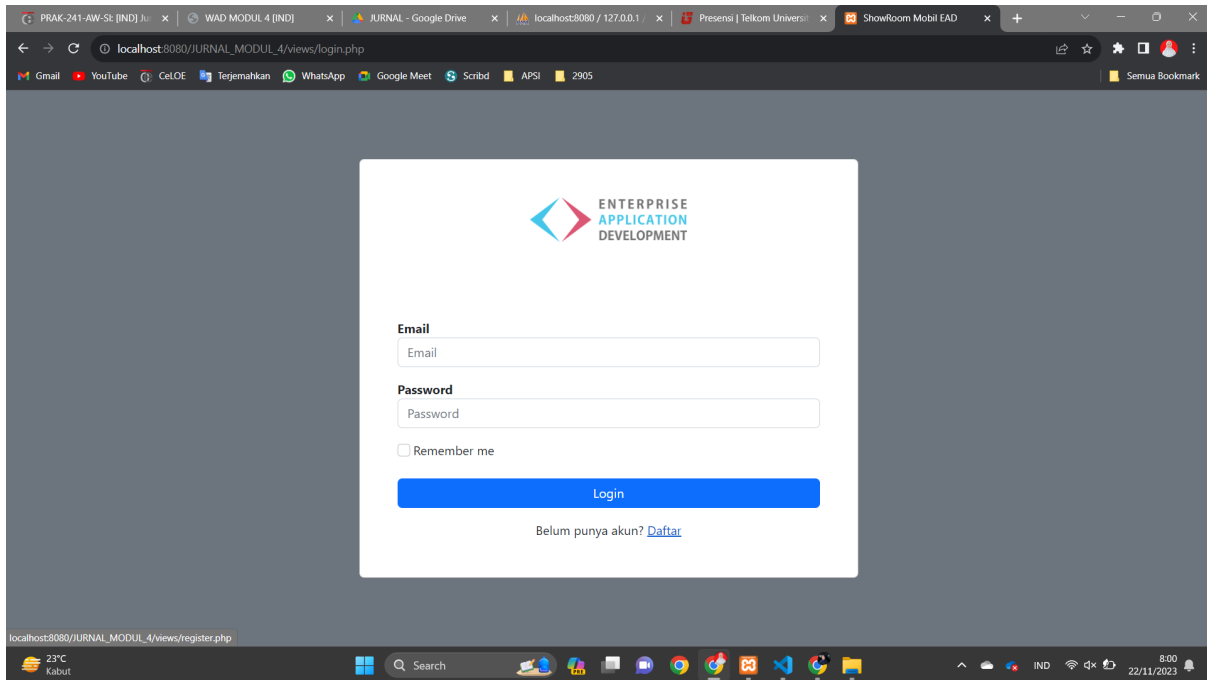
7. Register



```
1 <?php
2 session_start();
3
4 if (isset($_SESSION['login'])) {
5     header("Location: home.php");
6 }
7
8 <DOCTYPE html>
9 <html lang="en">
10 <head>
11     <meta charset="UTF-8">
12     <meta http-equiv="X-UA-Compatible" content="IE=edge">
13     <meta name="viewport" content="width=device-width, initial-scale=1.0">
14     <title>ShowRoom Mobil EAD </title>
15     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
16         integrity="sha384-Zem67Q3N3H2J1DvW80C2ZrDq28p5D80C0e0b3rPPfctJ9Y9bV1R1" crossorigin="anonymous">
17 </head>
18 <body class="bg-secondary">
19     <div class="container">
20         <div class="row w-100 justify-content-center align-items-center">
21             <div class="col-lg-6">
22                 <div class="card px-5 py-3">
23                     <div class="text-center mb-3">Register</div>
24
25                     <!-- (1) Buat alert message menggunakan variabel session yang sudah dibuat -->
26                     <!-- (2) Buat alert message menggunakan variabel session yang sudah dibuat -->
27                     <php if(isset($_SESSION['message'])) and isset($_SESSION['color'])>
28                         <div class="alert alert-> $_SESSION['color']" role="alert">
29                             <? $_SESSION['message']>
30                         </div>
31                     <? unset($_SESSION['message']);>
32
33                     <!-- (3) Buat alert message menggunakan variabel session yang sudah dibuat -->
34
35                     <form method="post" action=".">
36                         <div class="form-group">
37                             <input type="text" id="name" class="form-control mb-3" name="name" placeholder="Your Name" required>
38                             <input type="text" id="username" class="form-control mb-3" name="username" placeholder="Your Username" required>
39                             <input type="text" id="email" class="form-control mb-3" name="email" placeholder="Your Email" required>
40                             <input type="password" id="password" class="form-control mb-3" name="password" placeholder="Your Password" required>
41                         </div>
42                         <button type="submit" class="btn btn-primary px-5 w-100">Daftar</button>
43                     </form>
44
45                     <div class="text-center">
46                         <a href="login.php">Login</a>
47                     </div>
48                 </div>
49             </div>
50         </div>
51     </body>
52 </html>
```

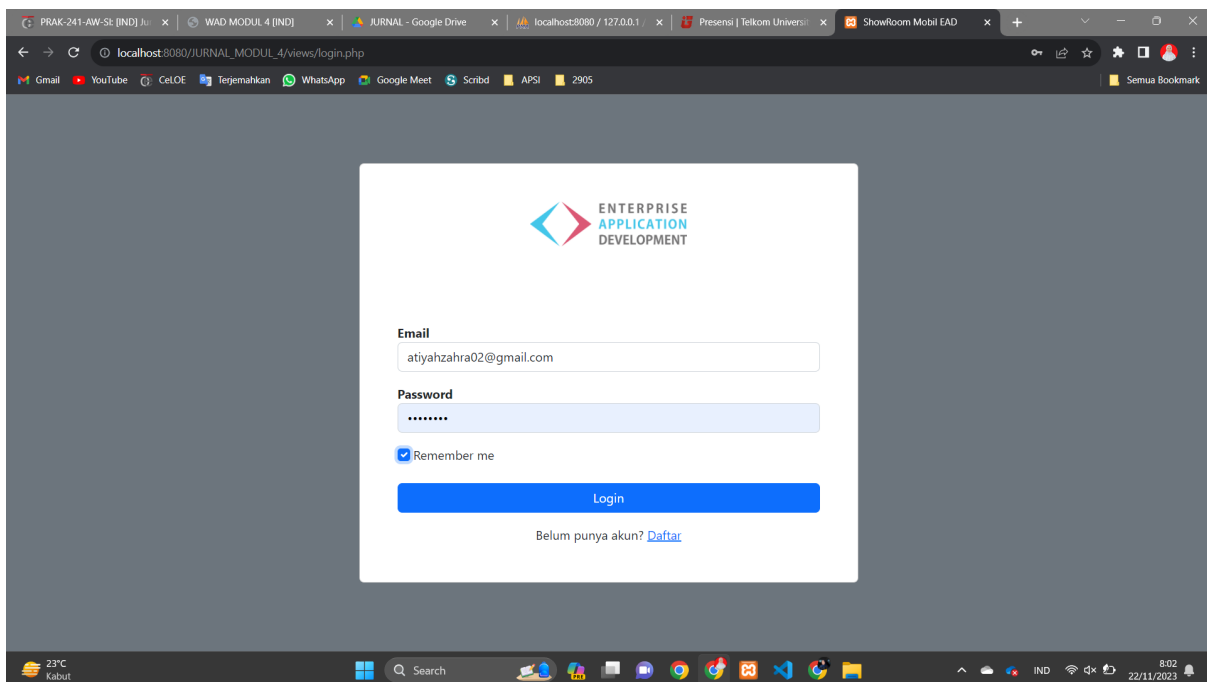
Tampilan

- Login

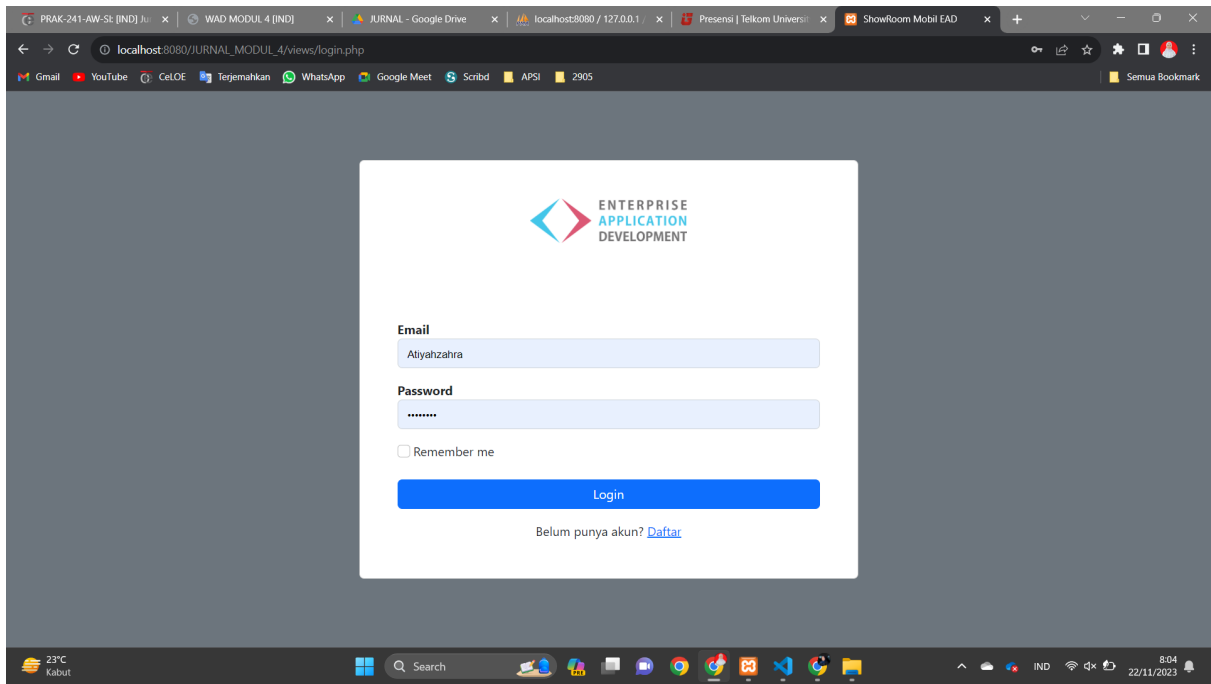


The screenshot displays a web browser window with the URL `localhost:8080/JURNAL_MODUL_4/views/login.php`. The page features a login form for 'ENTERPRISE APPLICATION DEVELOPMENT'. The form includes an 'Email' field, a 'Password' field, a 'Remember me' checkbox, and a blue 'Login' button. Below the button is a link for 'Daftar' (Register) for users who do not have an account. The browser's taskbar at the bottom shows the system clock as 8:00 on 22/11/2023.

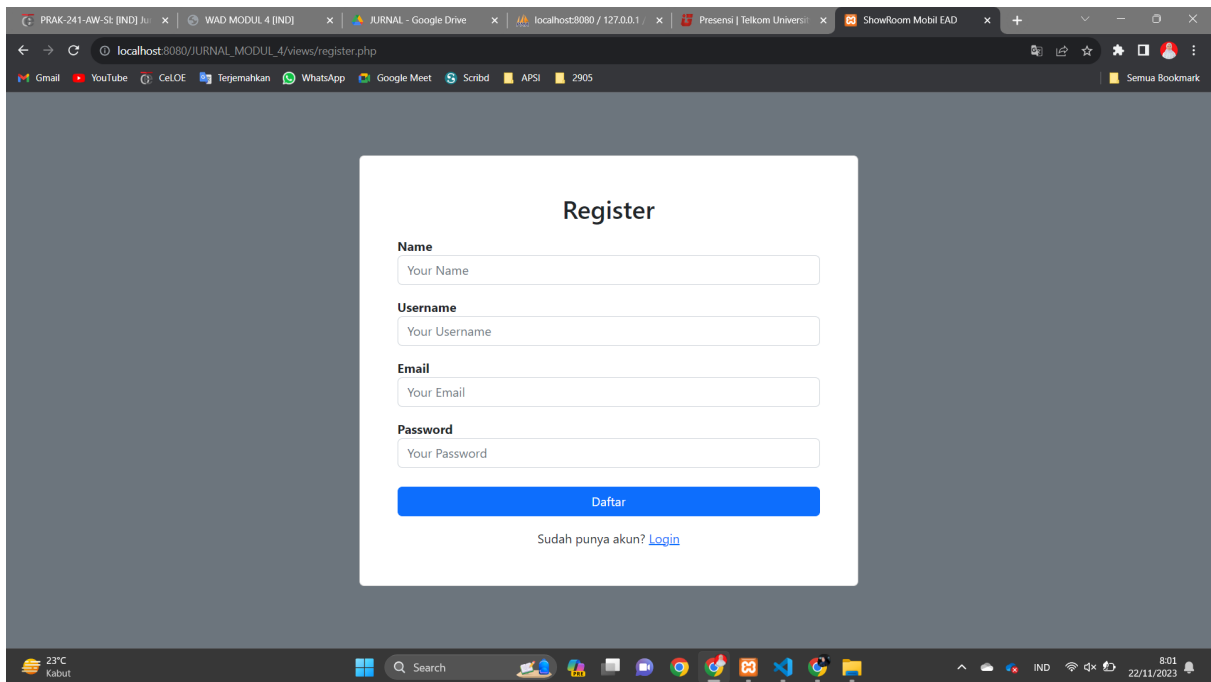
- Remember me

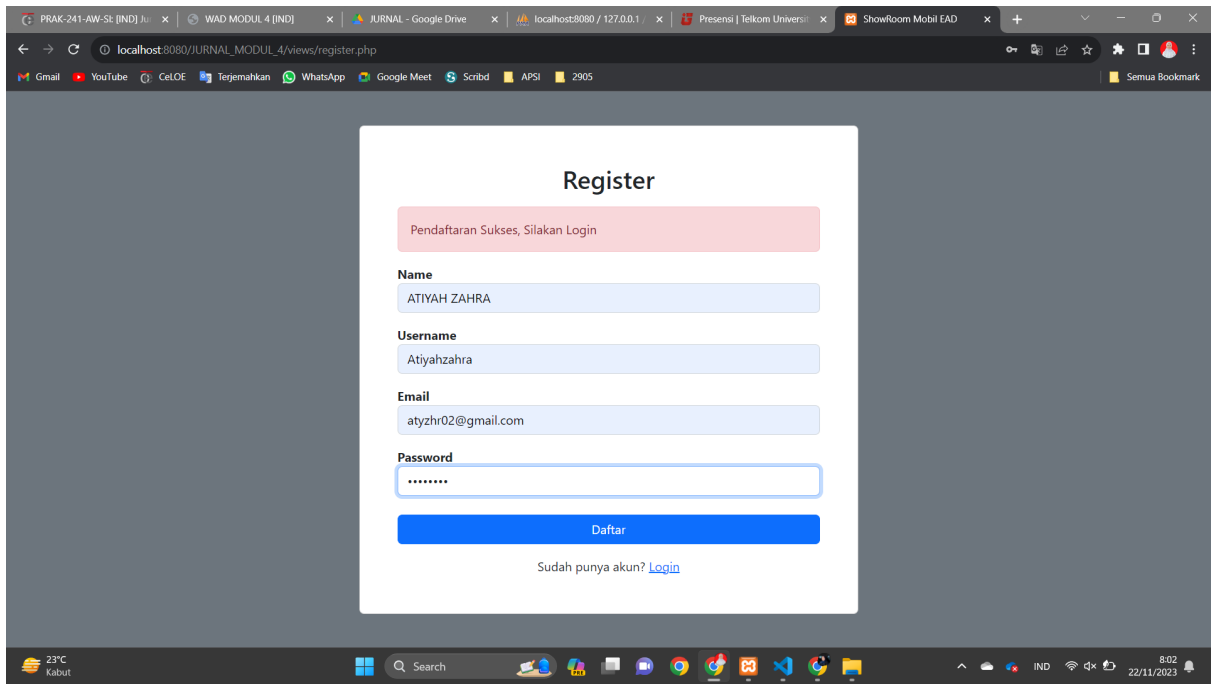


This screenshot shows the same login page as above, but with the 'Remember me' checkbox checked. The 'Email' field is populated with the text 'atiyazhahra02@gmail.com', and the 'Password' field is masked with eight dots. The 'Login' button remains visible, along with the 'Daftar' link for new users. The browser's taskbar at the bottom indicates the time is 8:02 on 22/11/2023.



- Register





- Home

