

Nama : Ajeng Pembayun Kartika Sari

NIM : A11.2023.15127

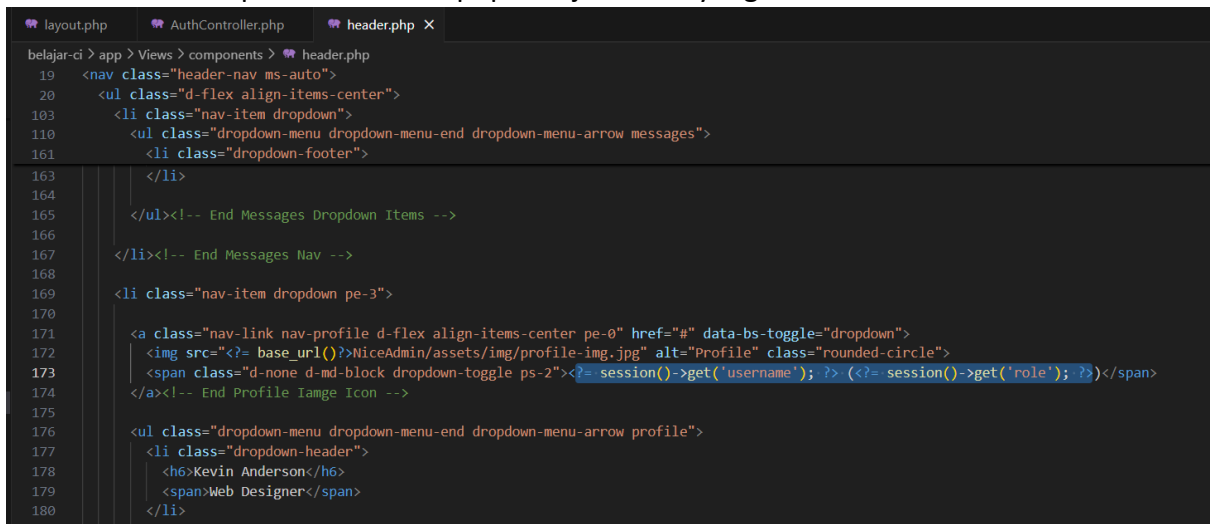
Kelas : A11.4416

PEMOGRAMAN WEB LANJUT

Session

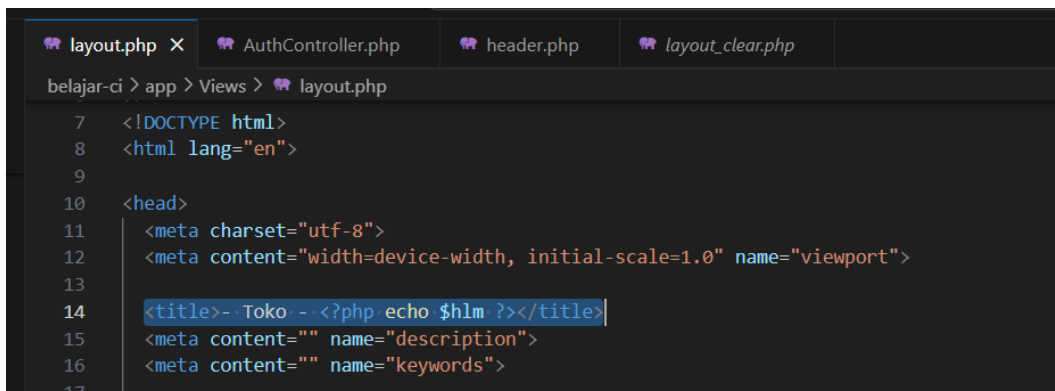
Setelah melakukan praktikum layout dilab, selanjutnya membuat session. Session ini berfungsi sebagai tempat penyimpanan data sementara user yang disimpan di server dan memiliki waktu kadaluarsa.

1. Menampilkan variable session yang isinya username dan role dengan mengganti tulisan K.Aderson pada file header.php menjadi code yang di bawah.



```
belajar-ci > app > Views > components > header.php
19 <nav class="header-nav ms-auto">
20 <ul class="d-flex align-items-center">
103 <li class="nav-item dropdown">
110 <ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow messages">
161 <li class="dropdown-footer">
163 </li>
164
165 </ul><!-- End Messages Dropdown Items -->
166
167 </li><!-- End Messages Nav -->
168
169 <li class="nav-item dropdown pe-3">
170
171 <a class="nav-link nav-profile d-flex align-items-center pe-0" href="#" data-bs-toggle="dropdown">
172 
173 <span class="d-none d-md-block dropdown-toggle ps-2">= session()-&gt;get('username'); ?&gt; (<?= session()-&gt;get('role'); ?&gt;)&lt;/span&gt;
174 &lt;/a&gt;&lt;!-- End Profile Image Icon --&gt;
175
176 &lt;ul class="dropdown-menu dropdown-menu-end dropdown-menu-arrow profile"&gt;
177 &lt;li class="dropdown-header"&gt;
178 &lt;h6&gt;Kevin Anderson&lt;/h6&gt;
179 &lt;span&gt;Web Designer&lt;/span&gt;
180 &lt;/li&gt;
181 &lt;li&gt;</pre
```

2. Karena halaman login sebelumnya hanya berisi form ditengah, maka kita harus membuat file baru layout_clear.php didalam folder views denga isi yang sama dengan layout.php namun ubah title halaman menjadi toko.



```
belajar-ci > app > Views > layout.php
7 <!DOCTYPE html>
8 <html lang="en">
9
10 <head>
11 <meta charset="utf-8">
12 <meta content="width=device-width, initial-scale=1.0" name="viewport">
13
14 <title>- Toko - <?php echo $hlm ?></title>
15 <meta content="" name="description">
16 <meta content="" name="keywords">
17
```

Mengubah code sebelumnya menjadi code dibawah untuk menampilkan logo Toko secara responsif

```
... layout.php v_login.php X AuthController.php Routes.php header.php
belajar-ci > app > Views > v_login.php
10 $password = [
12     'id' => 'password',
13     'class' => 'form-control'
14 ];
15 ?>
16 <section class="section register min-vh-100 d-flex flex-column align-items-center justify-content-center py-4">
17     <div class="container">
18         <div class="row justify-content-center">
19             <div class="col-lg-4 col-md-6 d-flex flex-column align-items-center justify-content-center">
20
21                 <div class="d-flex justify-content-center py-4">
22                     <a href="index.html" class="logo d-flex align-items-center w-auto">
23                         
24                         <span class="d-none d-lg-block">Toko</span>
25                     </a>
26                 </div><!-- End Logo -->
27     </div></section>
```

3. Membuat tampilan form login dengan menambahkan file baru (v_login.php)

```
... layout.php v_login.php X AuthController.php header.php
belajar-ci > app > Views > v_login.php
1 <?php $this->extend('layout_clear') ?>
2 <?php $this->section('content') ?>
3 <?php
4 $username = [
5     'name' => 'username',
6     'id' => 'username',
7     'class' => 'form-control'
8 ];
9
10 $password = [
11     'name' => 'password',
12     'id' => 'password',
13     'class' => 'form-control'
14 ];
15 ?>
16 <section class="section register min-vh-100 d-flex flex-column align-items-center justify-content-center py-4">
17     <div class="container">
18         <div class="row justify-content-center">
19             <div class="col-lg-4 col-md-6 d-flex flex-column align-items-center justify-content-center">
20
21                 <div class="d-flex justify-content-center py-4">
22                     <a href="index.html" class="logo d-flex align-items-center w-auto">
23                         
24                         <span class="d-none d-lg-block">Toko</span>
25                     </a>
26                 </div><!-- End Logo -->
27
28                 <div class="card mb-3">
29                     <div class="card-body">
30
31                         <div class="pt-4 pb-2">
32                             <h5 class="card-title text-center pb-0 fs-4">Login to Your Account</h5>
33                             <p class="text-center small">Enter your username & password to login</p>
34                         </div>
35
36                     </div>
37                 </div>
28 </div>
29 </div>
30 </div>
31 </div>
32 </div>
33 </div>
34 </div>
35 </div>
36 </div>
37 </div>
```

Terdapat extend dan penanda content pada code diatas karena halaman ini menggunakan tampilan dari layout_clear.php

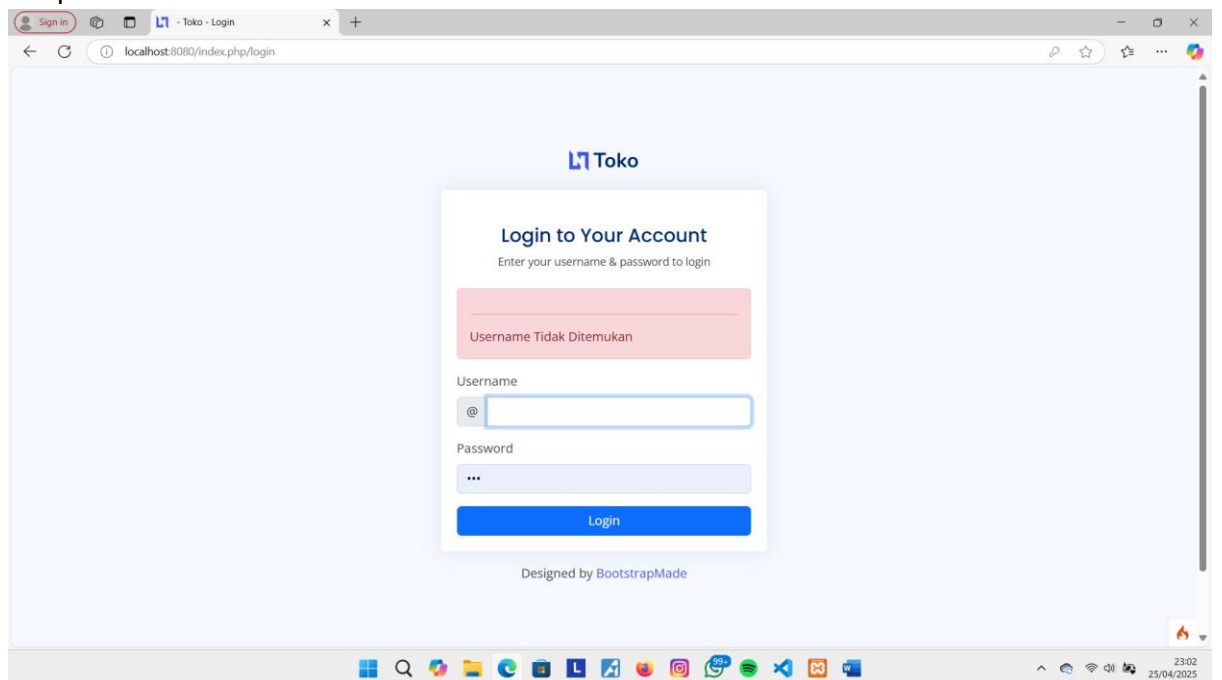
Untuk menampilkan pesan kesalahan saat login, tambahkan code seperti dibawah

```

layout.php v_login.php X AuthController.php header.php
belajar-ci > app > Views > v_login.php
16 <section class="section register min-vh-100 d-flex flex-column align-items-center justify-content-center p
17 <div class="container">
18 <div class="row justify-content-center">
19 <div class="col-lg-4 col-md-6 d-flex flex-column align-items-center justify-content-center">
28 <div class="card mb-3">
29
30 <div class="card-body">
31
32 <div class="pt-4 pb-2">
33 <h5 class="card-title text-center pb-0 fs-4">Login to Your Account</h5>
34 <p class="text-center small">Enter your username & password to login</p>
35 </div>
36
37 <?php
38 if (session()->getFlashData('failed')) {
39
40 <div class="col-12 alert alert-danger" role="alert">
41 <hr>
42 <p class="mb-0">
43 <?= session()->getFlashData('failed') ?>
44 </p>
45 </div>
46 <?php
47 }
48 ?>
49
50 <?= form_open('login', 'class = "row g-3 needs-validation"') ?>

```

Output :



```
layout.php v_login.php X AuthController.php header.php
belajar-ci > app > Views > v_login.php
16 <section class="section register min-vh-100 d-flex flex-column align-items-center justify-content-center py-4">
17 <div class="container">
18 <div class="row justify-content-center">
19 <div class="col-lg-4 col-md-6 d-flex flex-column align-items-center justify-content-center">
28 <div class="card mb-3">
46 <?php
47 }
48 ?>
49
50 <?= form_open('login', 'class = "row g-3 needs-validation") ?>
51
52 <div class="col-12">
53 <label for="yourUsername" class="form-label">Username</label>
54 <div class="input-group has-validation">
55 <span class="input-group-text" id="inputGroupPrepend">@</span>
56 <?= form_input($username) ?>
57 <div class="invalid-feedback">Please enter your username.</div>
58 </div>
59 </div>
60
61 <div class="col-12">
62 <label for="yourPassword" class="form-label">Password</label>
63 <?= form_password($password) ?>
64 <div class="invalid-feedback">Please enter your password!</div>
65 </div>
66 <div class="col-12">
67 <?= form_submit('submit', 'Login', ['class' => 'btn btn-primary w-100']) ?>
68 </div>
69
70 <?= form_close() ?>
71
72 </div>
73 </div>
74
75 <div class="credits">
76 <!-- All the links in the footer should remain intact. -->
```

- Terdapat form_open yang berfungsi untuk membuka tag <form> yang mengarahkan form ke controller login.
- Ada pula form_input untuk label dan input username. Terdapat code invalid-feedback yang akan muncul Ketika form tidak valid.
- Form_password untuk input password, menggunakan form_password() agar input tidak terlihat.
- Form_submit untuk tombol login
- Form_close untuk menutup tag

4. Membuat controller untuk menampilkan form dan memproses data yang dikirim dari form tersebut.

```
layout.php v_login.php AuthController.php X header.php
belajar-ci > app > Controllers > AuthController.php
5 use App\Controllers\BaseController;
6 use CodeIgniter\HTTP\ResponseInterface;
7
8 class AuthController extends BaseController
9 {
10     function __construct()
11     {
12         helper('form');
13     }
14
15     public function generatePassword()
16     {
17         echo password_hash('123', PASSWORD_DEFAULT);
18     }
19
20     public function login()
21     {
22         if ($this->request->getPost()) {
23             $username = $this->request->getVar('username');
24             $password = $this->request->getVar('password');
25
26             $dataUser = ['username' => 'ajeng', 'password' => '$2y$10$HXGghUchu0aaIKcyAGBE7e/ZGxQaFIY3JR3R3lkytDfS1e1sEgsii', 'role' => 'admin'];
27
28             if ($username == $dataUser['username']) {
29                 if (password_verify($password, $dataUser['password'])) {
30                     session()->set([
31                         'username' => $dataUser['username'],
32                         'role' => $dataUser['role'],
33                         'isLoggedIn' => TRUE
34                     ]);
35
36                     return redirect()->to(base_url('/'));
37                 } else {
38                     session()->setFlashdata('failed', 'Username & Password Salah');
39                     return redirect()->back();
40                 }
41             }
42         }
43     }
44 }
```

- Pada code diatas terdapat fungsi construct berguna saat controller dipanggil maka helper form langsung aktif.
- Lalu ada fungsi login Dimana fungsi ini bertujuan untuk menghandle proses login user, mulai dari menerima input, cek username & password sampai membuat session Ketika berhasil.
- Menambahkan fungsi logout untuk mengakhiri sesi lalu Kembali ke tampilan form login.

```
layout.php v_login.php AuthController.php X header.php
belajar-ci > app > Controllers > AuthController.php
21 {
22     if ($this->request->getPost()) {
23         if ($username == $dataUser['username']) {
24             if (password_verify($password, $dataUser['password'])) {
25                 session()->set([
26                     'username' => $dataUser['username'],
27                     'role' => $dataUser['role'],
28                     'isLoggedIn' => TRUE
29                 ]);
30
31                 return redirect()->to(base_url('/'));
32             } else {
33                 session()->setFlashdata('failed', 'Username & Password Salah');
34                 return redirect()->back();
35             }
36         } else {
37             session()->setFlashdata('failed', 'Username Tidak Ditemukan');
38             return redirect()->back();
39         }
40     } else {
41         return view('v_login');
42     }
43 }
44
45 public function logout()
46 {
47     session()->destroy();
48     return redirect()->to('login');
49 }
50 }
```

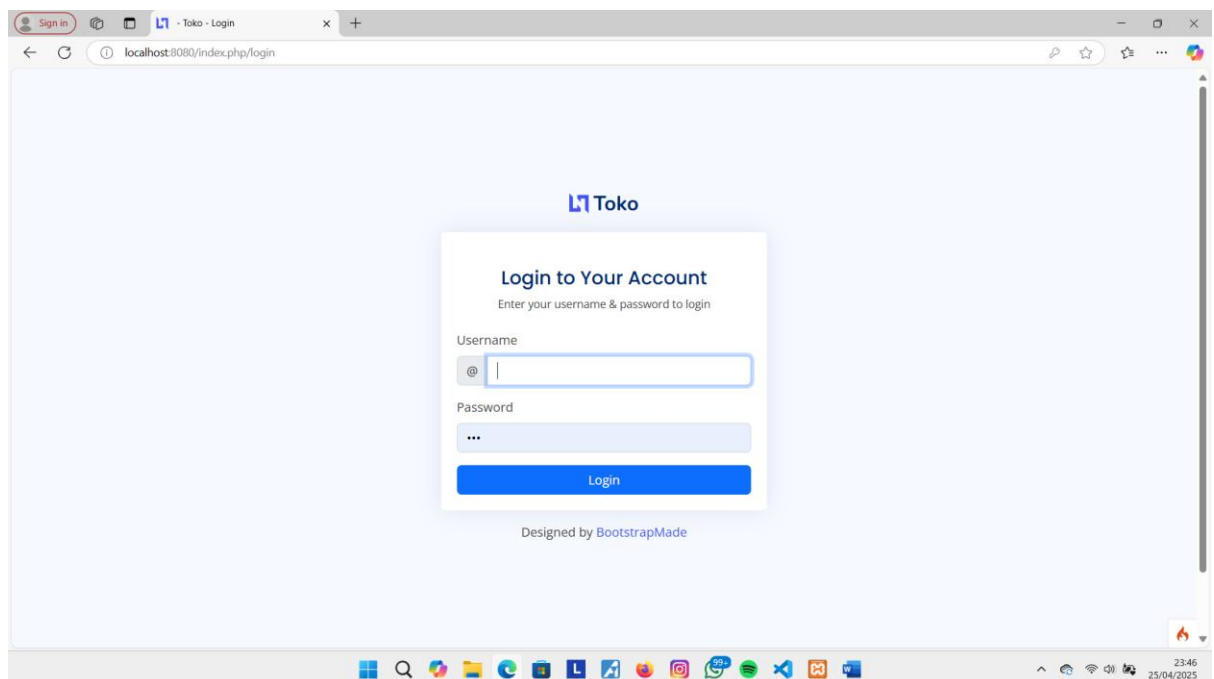
5. Menambahkan rute pada file Routes.php

```
belajar-ci > app > Config > Routes.php
1  <?php
2
3  use CodeIgniter\Router\RouteCollection;
4
5  /**
6   * @var RouteCollection $routes
7   */
8  $routes->get('/', 'Home::index');
9
10 $routes->get('login', 'AuthController::login');
11 $routes->post('login', 'AuthController::login');
12 $routes->get('logout', 'AuthController::logout');
13
14 $routes->get('password', 'AuthController::generatePassword');
15 $routes->get('produk', 'ProdukController::index', ['filter' => 'auth']);
16 $routes->get('keranjang', 'TransaksiController::index', ['filter' => 'auth']);
17
```

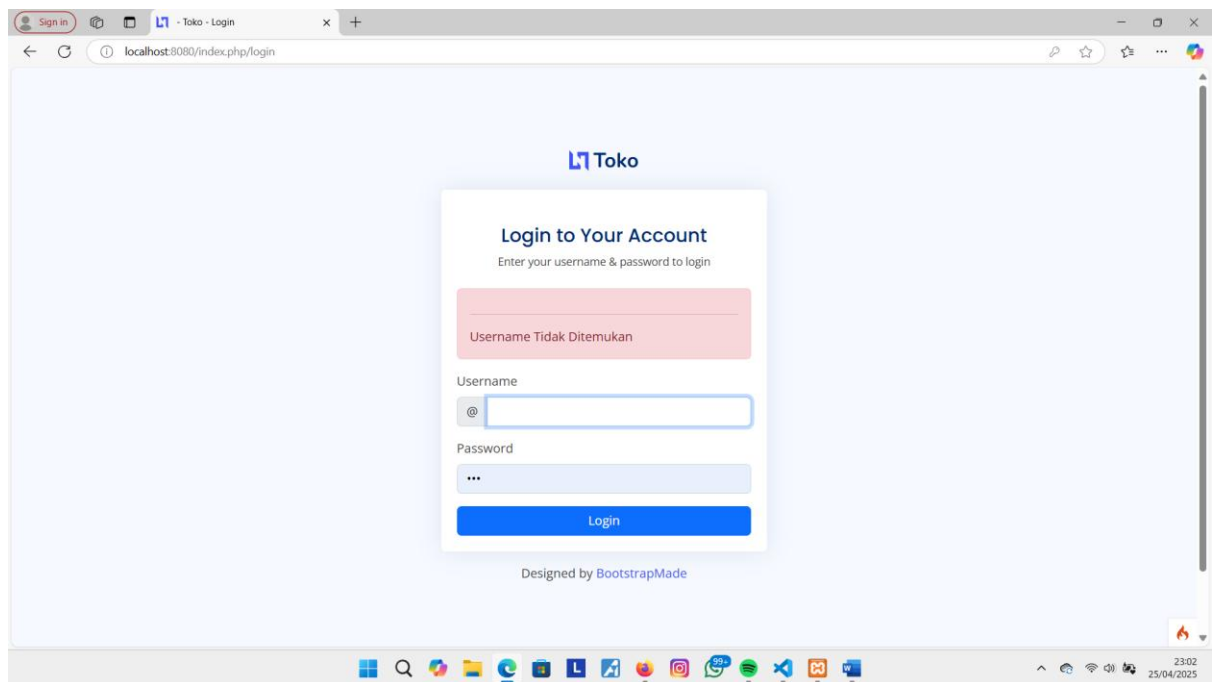
- `$routes->get('login', 'AuthController::login')` untuk menampilkan halaman login/form
- `$routes->post('login', 'AuthController::login')` untuk mengirim data user login
- `$routes->get('logout', 'AuthController::logout')` untuk mengakhiri sesi

Tampilan

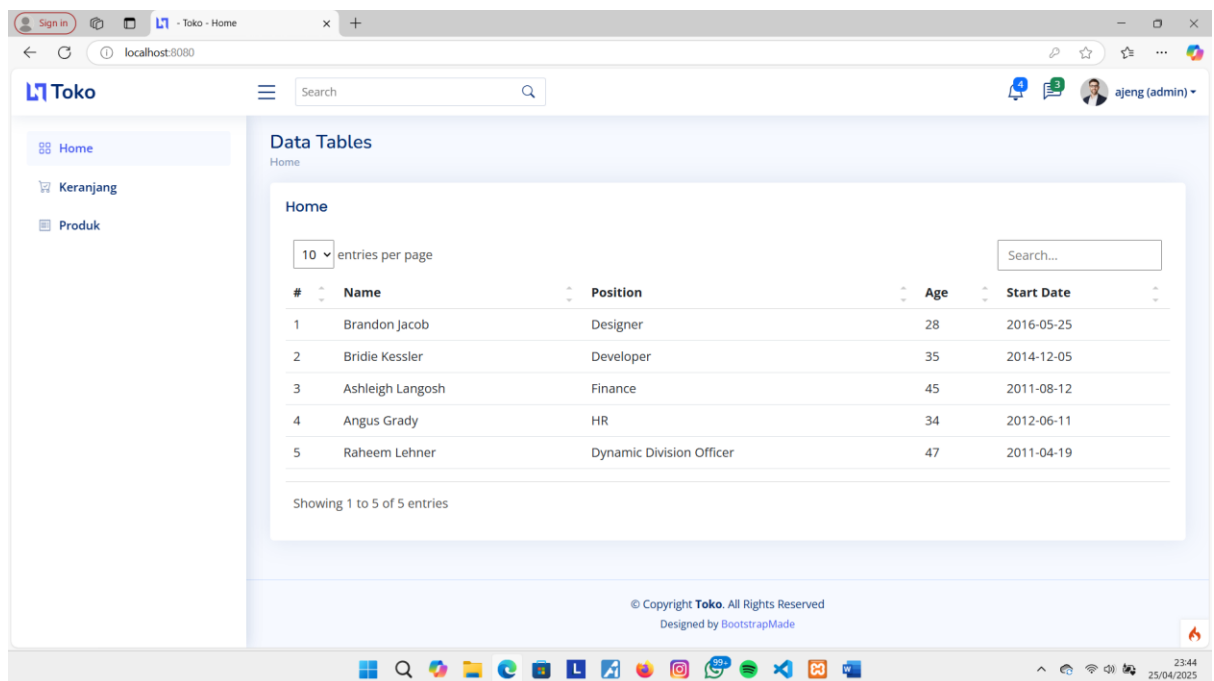
Tampilan awal login



Jika gagal login



Jika berhasil login akan masuk ke halaman home



Jika SignOut maka akan Kembali ke halaman login.