

LAPORAN TUGAS PEMROGRAMAN WEB LANJUT

“JOBSHEET 5”



Oleh :

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**PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
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Praktikum 1 - Membuat Login dengan Multi Level User

1 Membuat view login

```
helloci > application > views > login > index.php > ...
1  <?=
2  form_open('login/proses_login');
3  ?>
4  <div class="container py-5">
5  <div class="row">
6  <div class="col-md-12">
7  <div class="row">
8  <div class="col-md-6 mx-auto">
9  <!-- form card login -->
10 <div class="card-rounded-0">
11 <div class="card-header">
12 <h3 class="mb-0">Login</h3>
13 </div>
14 <div class="card-body">
15 <form class="form" role="form" autocomplete="off" id="formLogin" novalidate="" method="POST">
16 <div class="form-group">
17 <label for="uname1">Username</label>
18 <input type="text" class="form-control form-control-lg rounded-0" name="uname1" id="uname1" required>
19 <div class="invalid-feedback">Oops, you missed this one</div>
20 </div>
21 <div class="form-group">
22 <label>Password</label>
23 <input type="password" class="form-control form-control-lg rounded-0" name="pwd1" id="pwd1" required>
24 <div class="invalid-feedback">Enter your password too!</div>
25 </div>
26 <button type="submit" class="btn btn-success btn-lg float-right" id="btnLogin">Login</button>
27 </form>
28 </div>
29 </div>
30 </div>
31 </div>
32 </div>
33 </div>
34 </div>
35 <?=
36 form_close();
37 ?>
```

2 Membuat controller login

```
helloci > application > controllers > login.php > ...
1  <?php
2  defined('BASEPATH') or exit('No direct script access allowed');
3
4  class login extends CI_Controller
5  {
6      public function index()
7      {
8          $data['title'] = 'Login';
9          $this->load->view('template/header_login', $data);
10         $this->load->view('login/index');
11         $this->load->view('template/footer');
12     }
13 }
14
```

3 Menambahkan views template header login

```
helloci > application > views > template > header_login.php > <?php > head > link
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="utf-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8      <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet"
9      integrity="sha384-Vkoo8x4CGs03+HhXv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
10 </link>
11 <style>
12     .badge {
13         margin-left: 3px;
14     }
15 </style>
16 <title><?= $title ?></title>
17 </head>
18
19 <body>
```

4 Tampilan Login

Setelah berhasil membuat form maka kita membuat logic dengan cara membuat database

5 Buat tabel baru User

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	username	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	password	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
4	level	varchar(10)	latin1_swedish_ci		No	None			Change Drop More

Showing rows 0 - 1 (2 total, Query took 0.0011 seconds.)

```
SELECT * FROM `user`
```

	id	username	password	level
<input type="checkbox"/> Edit Copy Delete	1	admin	0192023a7bbd73250516f069df18b500	admin
<input type="checkbox"/> Edit Copy Delete	2	user	6ad14ba9986e3615423dfca256d04e3f	user

6 Membuat login_model

```
helloci > application > models > login_model.php > login_model
1  <?php
2
3  defined('BASEPATH') or exit('No direct script access allowed');
4
5  class login_model extends CI_Model
6  {
7      function login($username, $password)
8      {
9          $this->db->select('username,password,level');
10         $this->db->from('user');
11         $this->db->where('username', $username);
12         $this->db->where('password', $password);
13         $this->db->limit(1);
14
15         $query = $this->db->get();
16         if ($query->num_rows() = 1) {
17             return $query->result();
18         } else {
19             return false;
20         }
21     }
22 }
```

7 Membuat function proses_login pada controller login. Tapi sebelum itu menambahkan function construct

```
helloci > application > controllers > login.php > login > index
1  <?php
2  defined('BASEPATH') or exit('No direct script access allowed');
3
4  class login extends CI_Controller
5  {
6
7      public function __construct()
8      {
9          parent::__construct();
10         $this->load->helper('url');
11         $this->load->helper('form');
12         $this->load->helper('login_model');
13     }
14
15     public function index()
16     {
17         $data['title'] = 'Login';
18         $this->load->view('template/header_login',
19         $this->load->view('login/index');
20         $this->load->view('template/footer');
21     }
22 }
23
```

8	<div data-bbox="269 201 753 231" data-label="Text"> <p>Menambahkan Function proses_login</p> </div> <div data-bbox="415 231 1289 848" data-label="Text"> <pre> public function proses_login() { \$username = htmlspecialchars(\$this->input->post('uname1')); \$password = htmlspecialchars(MD5(\$this->input->post('pwd1'))); \$cekLogin = \$this->login_model->login(\$username, \$password); if (\$cekLogin) { foreach (\$cekLogin as \$row); \$this->session->set_userdata('user', \$row->username); \$this->session->set_userdata('level', \$row->level); if (\$this->session->userdata('level') == "admin") { redirect('mahasiswa/index'); } elseif (\$this->session->userdata('level') == "user") { redirect('mahasiswa/user'); } } else { redirect('login/index', 'refresh'); } } </pre> </div>
9	<div data-bbox="269 865 412 894" data-label="Text"> <p>Edit routes</p> </div> <div data-bbox="435 890 1269 1142" data-label="Text"> <pre> 9 // Examples: my-controller/index -> my_control 10 / my-controller/my-method -> my_control 11 */ 12 \$route['default_controller'] = 'login'; 13 \$route['404_override'] = ''; 14 \$route['translate_uri_dashes'] = FALSE; 15 </pre> </div>
10	<div data-bbox="269 1159 386 1188" data-label="Text"> <p>Hasilnya</p> </div> <div data-bbox="321 1184 1383 1488" data-label="Image"> <p>The screenshot shows a web browser window with the address bar displaying 'localhost/helloz/'. The page content includes a 'Login' form with the following elements:</p> <ul style="list-style-type: none"> A header 'Login' in a light gray box. A 'Username' label above a text input field containing the text 'admin'. A 'Password' label above a text input field with masked characters (dots). A green 'Login' button at the bottom right of the form. </div>

	
11	<p>Jika memasukan user maka not found karena kita belum menyettingnya</p> 
12	<p>Jika anda mengisi username dan password yang salah maka akan redirect ke login kembali tanpa ada pesana error</p> 
13	<p>Menambahkan alert saat user salah memasukan username dan password Menambahkan pada else controller</p>

```

    }
} else {
    $data['pesan'] = "username dan password anda salah";
    $data['title'] = 'Login';
    $this->load->view('template/header_login', $data);
    $this->load->view('login/index', $data);
    $this->load->view('template/footer');
}
}

```

Tambah code pada view login/index

```

<div class="alert alert-info" role="aler">
    <?php
    if (isset($pesan)) {
        echo $pesan;
    } else {
        echo "Masukan Username dan Password anda";
    }
    ?>
</div>

```

Tampilan :

Tampilan salah password / username:

14	<p>Mengubah kodingan pada function proses_login</p> <pre> redirect('mahasiswa/index'); } elseif (\$this->session->userdata('level') == "user") { redirect('user'); } } else { </pre>
15	<p>Membuat controller user</p> <pre> helloci > application > controllers > user.php > ... 1 <?php 2 defined('BASEPATH') or exit('No direct script access allowed'); 3 4 class user extends CI_Controller 5 { 6 public function __construct() 7 { 8 parent::__construct(); 9 \$this->load->helper('url'); 10 \$this->load->helper('form'); 11 \$this->load->model('login_model'); 12 } 13 14 public function index() 15 { 16 \$this->load->view('user/index'); 17 } 18 } </pre>
16	<p>Membuat tampilan view user</p> <pre> helloci > application > views > user > index.php > h1 1 <h1>Ini Halaman User</h1> </pre> <p>Setelah berhasil login</p>  <p>Ini Halaman User</p>

17	<p>Membuat Navbar logout</p> <pre> <nav class="navbar navbar-expand-lg navbar-light bg-light"> CI <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNavAltMarkup" aria-controls="n </button> <div class="collapse navbar-collapse" id="navbarNavAltMarkup"> <div class="navbar-nav"> <a class="nav-item nav-link active" href="<?= base_url(); ?>">Home (current) <a class="nav-item nav-link" href="<?= base_url(); ?>mahasiswa">Data Mahasiswa <a class="nav-item nav-link" href="<?= base_url(); ?>">About <a class="nav-item nav-link" href="<?= base_url(); ?>login/logout">Logout </div> </div> </pre>
18	<p>Membuat function pada controller login</p> <pre> public function logout() { \$this->session->sess_destroy(); redirect('login', 'refresh'); } </pre>
19	<p>Membuat teks logout sederhana di user</p>  <p>The screenshot shows a code editor with the following content:</p> <pre> index.php ...\user X index.php ...\login login.php head helloci > application > views > user > index.php > a 1 <h1>Ini Halaman User</h1> 2 <a href="<?= base_url(); ?>login/logout">Logout </pre>
20	<p>Menambahkan validasi level pada mahasiswa</p> <pre> s mahasiswa extends CI_Controller //fungsi yang akan dijalankan saat classnya diinstansiasi public function __construct() { //digunakan untuk menjalankan fungsi construct pada class parent::__construct(); \$this->load->model('mahasiswa_model'); if (\$this->session->userdata('level') != "admin") { redirect('login', 'refresh'); } } </pre>
21	<p>Menambahkan validasi level pada user</p> <pre> class user extends CI_Controller { public function __construct() { parent::__construct(); \$this->load->helper('url'); \$this->load->helper('form'); \$this->load->model('login_model'); if (\$this->session->userdata('level') != "user") { redirect('login', 'refresh'); } } } </pre>

22	Validasi pada home <pre> class Home extends CI_Controller { public function index(\$name = '') { \$data['title'] = 'Home'; \$data['name'] = \$name; \$this->load->view('template/header', \$data); // echo "Selamat Datang di Halaman home"; \$this->load->view('home/index', \$data); \$this->load->view('template/footer'); if (\$this->session->userdata('level') != "admin") { redirect('login', 'refresh'); } } } </pre>
23	Menambahkan home index <pre> helloci > application > views > home > index.php > h1 1 <h1>Hello, <?= \$this->session->userdata('level'); ?></h1> </pre>
24	Controller home <pre> Home.php x index.php ...login login.php header.php helloci > application > controllers > Home.php > Home > index 1 <?php 2 3 defined('BASEPATH') or exit('No direct script access allowed'); 4 5 class Home extends CI_Controller 6 { 7 8 public function index() 9 { 10 \$data['title'] = 'Home'; 11 // \$data['name'] = \$name; 12 \$this->load->view('template/header', \$data); 13 \$this->load->view('home/index', \$data); 14 \$this->load->view('template/footer'); 15 \$this->load->library('session'); 16 17 if (\$this->session->userdata('level') != "admin") { 18 redirect('login', 'refresh'); 19 } 20 } 21 } </pre>
25	Membuat views home index untuk menunjukan user data dia level mana <pre> helloci > application > views > home > index.php > h1 1 <h1>Hello, <?= \$this->session->userdata('level'); ?></h1> </pre>

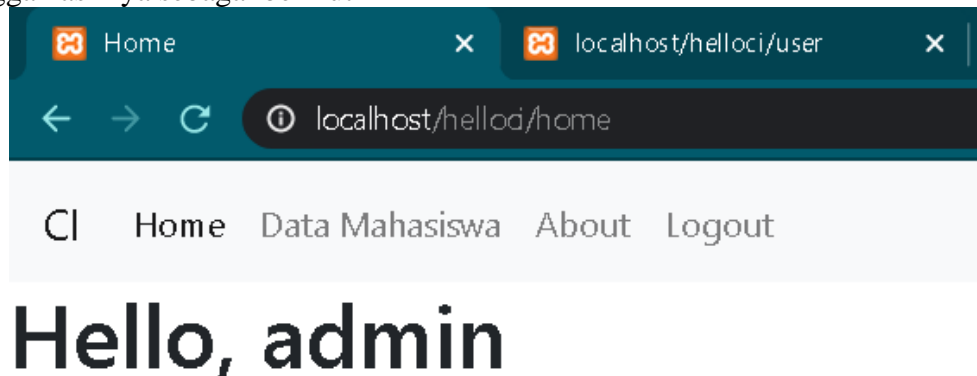
26 Controller home setting

```

helloci > application > controllers > Home.php > ...
1  <?php
2
3  defined('BASEPATH') or exit('No direct script access allowed');
4
5  class Home extends CI_Controller
6  {
7
8      public function index()
9      {
10         $data['title'] = 'Home';
11         // $data['name'] = $name;
12         $this->load->view('template/header', $data);
13         $this->load->view('home/index', $data);
14         $this->load->view('template/footer');
15         $this->load->library('session');
16
17         if ($this->session->userdata('level') != "admin") {
18             redirect('login', 'refresh');
19         }
20     }
21 }

```

Sehingga hasilnya sebagai berikut



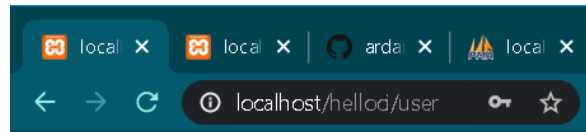
27 User view

```

helloci > application > views > user > index.php > a
1  <h1>Ini Halaman User</h1>
2
3
4  <h1>Hello, <?= $this->session->userdata('level') ?>!</h1>
5  <a href="<?= base_url(); ?>login/logout">Logout</a>

```

Tampilan



Ini Halaman User

Hello, user!

[Logout](#)