LAPORAN PRAKTIKUM 5 PWL

Multi Level User

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TI 2B

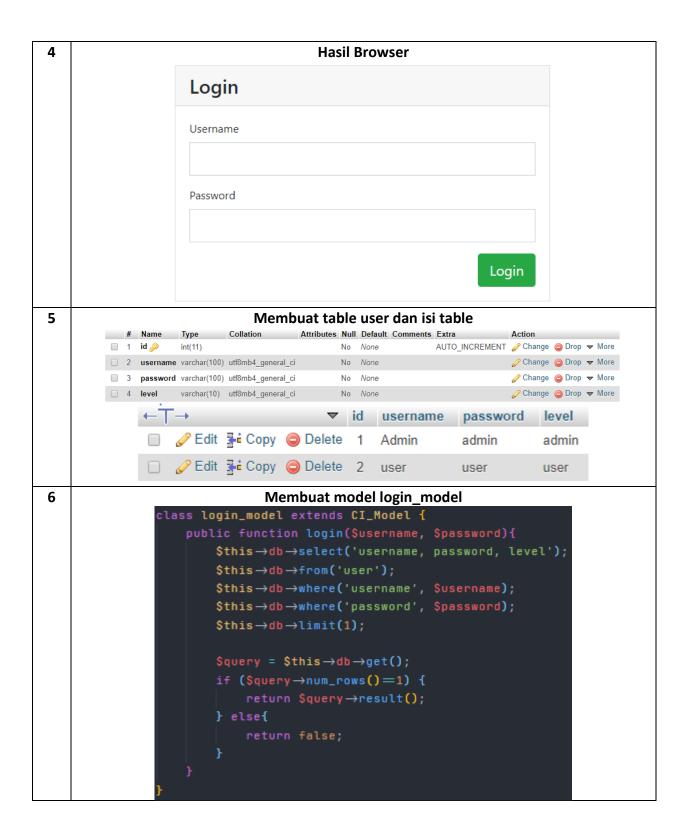**TEKNIK INFORMATIKA**

TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

2020

Praktikum – Bagian 1: Membuat Login dengan Multi Level User

1	Membuat tampilan login index.php
| | ```php
<?=
form_open('login/proses_login');
?>
<div class="container py-5">
    <div class="row">
        <div class="col-md-12">
            <div class="row">
                <div class="col-md-6 mx-auto">
                    <!-- Form Login -->
                    <div class="card rounded-0">
                        <div class="card-header">
                            <h3 class="mb-0">Login</h3>
                        </div>
                        <div class="card-body">
                            <form class="form" role="form" autocomplete="off" id="formLogin" novalidate="" method="post">
                                <div class="form-group">
                                    <label for="uname1">Username</label>
                                    <input type="text" name="uname1" id="uname1" class="form-control form-control-lg rounded-0" required="">
                                    <div class="invalid-feedback">Oops, you missed this one.</div>
                                </div>
                                <div class="form-group">
                                    <label for="pwd1">Password</label>
                                    <input type="password" name="pwd1" id="pwd1" class="form-control form-control-lg rounded-0" required="" autocomplete="new-password">
                                    <div class="invalid-feedback">Enter your password too!</div>
                                </div>
                                <button type="submit" class="btn btn-success btn-lg float-right" id="btnLogin">Login</button>
                            </form>
                        </div>
                        <!-- Card -->
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
<?= form_close();?>
``` |
| 2 | Controller Login fungsi index |
| | ```php
public function index()
{
    $data['title'] = "Login";
    $this->load->view('template/header_login', $data);
    $this->load->view('login/index');
    $this->load->view('template/footer');
}
``` |
| 3 | Menambah header_login pada template |
| | ```html
<!doctype html>
<html lang="en">
  <head>
    <title><?= $title; ?></title>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://stackpath.boo
  </head>
  <body>
``` |

4	**Hasil Browser**

<table>
<tr><td colspan="2">

Login

Username

Password

[Login]

</td></tr>
</table>

5	**Membuat table user dan isi table**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id 🔑	int(11)			No	None		AUTO_INCREMENT	🖉 Change ⊝ Drop ▽ More
2	username	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change ⊝ Drop ▽ More
3	password	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change ⊝ Drop ▽ More
4	level	varchar(10)	utf8mb4_general_ci		No	None			🖉 Change ⊝ Drop ▽ More

		id	username	password	level
🖉 Edit ⊡ Copy ⊝ Delete		1	Admin	admin	admin
🖉 Edit ⊡ Copy ⊝ Delete		2	user	user	user

6	**Membuat model login_model**

```php
class login_model extends CI_Model {
    public function login($username, $password){
        $this->db->select('username, password, level');
        $this->db->from('user');
        $this->db->where('username', $username);
        $this->db->where('password', $password);
        $this->db->limit(1);

        $query = $this->db->get();
        if ($query->num_rows()==1) {
            return $query->result();
        } else{
            return false;
        }
    }
}
```

7	**Menambahkan __construct**
	
	``php
	public function __construct()
	{
	    parent::__construct();
	    $this→load→helper('url');
	    $this→load→helper('form');
	    $this→load→model('login_model');
	}
	``

8	**Menambahkan fungsi proses_login**
	
	``php
	public function proses_login(){
	    $username = htmlspecialchars($this→input→post('uname1'));
	    $password = htmlspecialchars($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('user');
	        }
	    } 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');
	    }
	}
	``

9	**Mengubah controller default**
	
	``php
	$route['default_controller'] = 'login';
	$route['404_override'] = '';
	$route['translate_uri_dashes'] = FALSE;
	``

10	**Menambahkan alert**
	
	``php
	<div class="alert alert-info" role="alert">
	    <?php
	        if (isset($pesan)) {
	            echo $pesan;
	        } else {
	            echo "Masukkan username dan password anda";
	        }
	    ?>
	</div>
	``

11	**Mengubah proses_login**
|    | ```php
$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');
``` |
| 12 | **Hasil, Jika tidak diisi** |
| | # Login

Username

Password

Login

Masukkan username dan password anda

Hasil, Jika salah |

	Login Username [ ] Password [ ] Login Username dan Password anda salah

13	**Mengganti redirect user**
	
	``php
	} elseif ($this→session→userdata('level')="user") {
	    redirect('user');
	}
	``

14	**Membuat Controller user**

```php
<?php

defined('BASEPATH') OR exit('No direct script access allowed');

class User extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->helper('url');
        $this->load->helper('form');
        $this->load->model('login_model');
    }


    public function index()
    {
        $this->load->view('mahasiswa/user');
    }

}

/* End of file User.php */

?>
```

15	**Membuat tampilan view user**

```
user.php  ●

application > views > mahasiswa > user.php > ...
    1    <h1>Ini Halaman User</h1>
    2
    3
```

16	**Membuat logout**

```html
<a class="nav-item nav-link" href="<?php echo base_url();?>login/logout">Logout</a>
```

17	**Membuat fungsi logout pada login**

```php
public function logout(){
    $this->session->sess_destroy();
    redirect('login','refresh');
}
```

18	**Menambah tombol logout dalam user**

```html
<h1>Ini Halaman User</h1>
<a href="<?= base_url().'login/logout';?>">Logout</a>
```

19	**Menambah validasi pada Controller mahasiswa**

```php
if($this->session->userdata('level') != "admin"){
    redirect('login','refresh');
}
```

20	**Menambahkan validasi pada Controller user**
| | ```php
if ($this→session→userdata('level') ≠ "user") {
    redirect('login', 'refresh');
}
``` |
| 21 | **Menambahkan validasi pada Home** |
| | ```php
class Home extends CI_Controller {

    public function index($name="")
    {
        $data['title'] = "Halaman Home";
        $data['name'] = $name;


        $this→load→view('template/header', $data);
        $this→load→view('Home/index',$data);
        $this→load→view('template/footer');
        if ($this→session→userdata('level') ≠ "admin") {
            redirect('login','refresh');
        }
    }
}
``` |
| 22 | **Menambahkan code untuk menampilkan level** |
| | index.php ✕

application > views > home > index.php > ...
```php
1    <h1>Hello, <?= $this→session→userdata('level');?>!</h1>
2
``` |
| 23 | **Menambahkan code untuk menampilkan level user** |
| | ```php
<h1>Ini Halaman User</h1>
<h1>Hello, <?= $this→session→userdata('level');?>!</h1>
<a href="<?= base_url().'login/logout';?>">Logout</a>
``` |