

# **LAPORAN PRAKTIKUM PEMROGRAMAN WEBSITE LANJUT**

## **JOBSHEET 5**



**Oleh :**

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JURUSAN TEKNOLOGI INFORMASI  
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## Practical - Part 1: Creating a Multi Level User Login

### 1. Creating a index.php at login views

```
<?=  
    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">  
                    <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" class="form-control form-control-lg rounded-0" id="uname1" placeholder="username" 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"
        class="form-control form-control-lg rounded-
0" id="pwd1" placeholder="Password" autocomplete="new-
password" required>
        <div class="invalid-
feedback">Enter your password too!</div>
        </div>
        <button type="submit" name="submit" cl
ass="btn btn-success btn-lg float-right">Login</button>
    </form>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<?php
form_close();
?>

```

## 2. Make controller with login name

```

<?php

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

class login extends CI_Controller {

    public function index()
    {
        $data['title']='Login';
        $this->load->view('template/header_login', $data);
        $this->load->view('login/index');
        $this->load->view('template/footer');
    }

}

/* End of file login.php */

```

?>


### 3. Make the header of login

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no">

  <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css
/bootstrap.min.css" rel="stylesheet"
  integrity="sha384-
Vkoo8x4CGs03+Hhxxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
  crossorigin="anonymous">>

  <style>
    .badge{
      margin-left: 3px;
    }
  </style>
  <title><?=$title?></title>
</head>
</html>
```

### 4. Try the code



## 5. Creating user database with the structure

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

## And the Data

					id	username	password	level		
<input type="checkbox"/>		Edit		Copy		Delete	1	Admin	admin	admin
<input type="checkbox"/>		Edit		Copy		Delete	2	user	user	user

## 6. Creating the login model

```
<?php

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

class login_model extends CI_Model {

    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;
        }
    }
}

/* End of file login_model.php */

?>
```

**7. And then we create a function of controller login, but we create a construct function first**

```
<?php

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

class login extends CI_Controller {

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

    public function index()
    {
        $data['title']='Login';
        $this->load->view('template/header_login', $data);
        $this->load->view('login/index');
        $this->load->view('template/footer');
    }
}

/* End of file login.php */

?>
```

**8. After that we create login proses**

```
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('mahasiswa/user');
        }
        else{
            redirect('login/index', 'refresh');
        }
    }
}

```

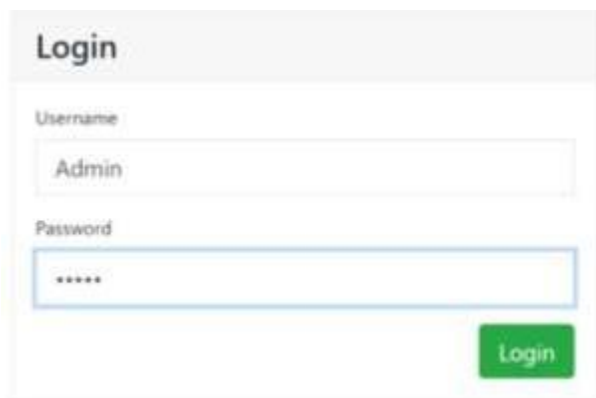
**9. In order to make the first login page loaded, we must configure the routes**

```

$route['default_controller'] = 'login';
$route['404_override'] = '';
$route['translate_uri_dashes'] = FALSE;

```

## 10. Admin login



The image shows a web form for logging in. The form has a title 'Login' at the top. Below the title, there are two input fields. The first field is labeled 'Username' and contains the text 'Admin'. The second field is labeled 'Password' and contains masked characters '\*\*\*\*\*'. To the right of the password field, there is a green button with the text 'Login'.

Tambah Data

Cari Data mahasiswa

### Daftar Mahasiswa

Name	NIM	email	jurusan	
dina	1002345100	dina@gmail.com	kimia	<input type="button" value="Hapus"/> <input type="button" value="Edit"/> <input type="button" value="Detail"/>
catur	1002345101	dika@gmail.com	Mesin	<input type="button" value="Hapus"/> <input type="button" value="Edit"/> <input type="button" value="Detail"/>
soni	1002345102	soni@gmail.com	mesin	<input type="button" value="Hapus"/> <input type="button" value="Edit"/> <input type="button" value="Detail"/>

## 11. User login

Login

Username

Password

## 404 Page Not Found

The page you requested was not found.

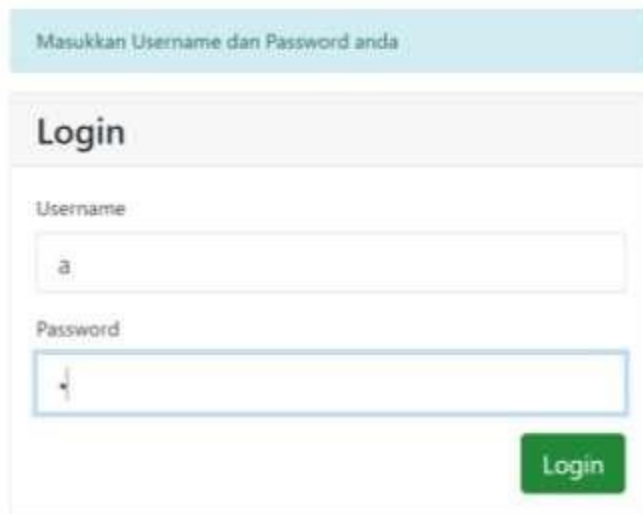


12. Add some alerts so that the user knows when they enter incorrect username or pass

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

```
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');
}
```

13. Check the code



The screenshot shows a web application interface. At the top, there is a light blue alert box with the text "Masukkan Username dan Password anda". Below this is a white box with a grey header titled "Login". Inside the box, there are two input fields: "Username" with the value "a" and "Password" with a single asterisk. A green "Login" button is located at the bottom right of the form.

username dan password anda salah

### Login

Username

Password

Please fill out this field

Login

## 14. Creating user controller

```
<?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. Creating the user view and then run the code

```
<h1>Ini halaman user</h1>
```



## 16. Add the logout session in the navbar

```
<a class="nav-  
link" href="<?= base_url(); ?>Home">Home <span class="sr-  
only">(current)</span></a>  
    <a class="nav-  
link" href="<?= base_url(); ?>mahasiswa">Data Mahasiswa</a>  
    <a class="nav-link" href="<?= base_url(); ?>">About</a>  
    <a class="nav-  
link" href="<?= base_url(); ?>login/logout">Logout</a>
```

## 17. creating logout function

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

## 18. And then we add the code to make login page appear when we click logout

```
<h1>Ini halaman user</h1>
<a href=" <?= base_url(). 'login/logout';?>">logout</a>
```

## 19. Because if we write directly in url we must set the permission

```
public function _construct()
{
    parent::_construct();
    $this->load->model('mahasiswa_model');
    $this->load->library('form_validation');

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

### Same on user

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

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

### Same on home

```
public function index($name='')
{
    $data['title'] = 'Home';
    $data['name'] = $name;
    // echo "Selamat Datang di Halaman Home";
    $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');
    }
}
```

```
}
```

### Add following to home views

```
<h1>Hello, <?=$this->session->userdata('level');?>!</h1>
```

### Add code on home controller

```
<?php

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

class home extends CI_Controller {

    public function index()
    {
        $data['title'] = 'Home';           $this->load-
>view('template/header', $data);
        $this->load->view('home/index', $data);
        $this->load->view('template/footer');
        $this->load->library('session');

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

}

/* End of file home.php */

?>
```

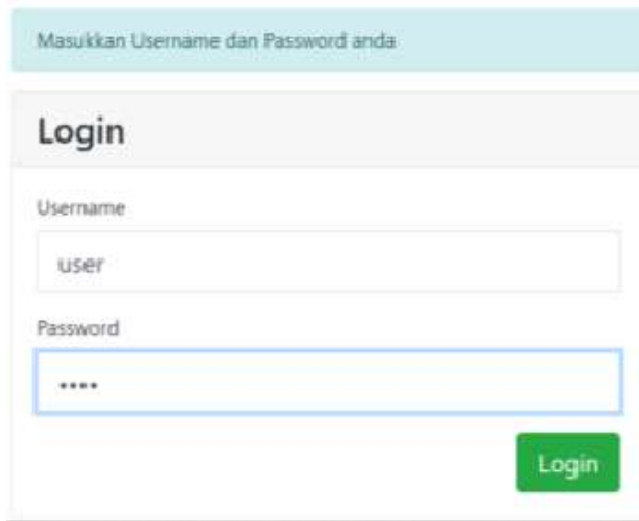
### 20. Cek the code



## 21. Do the session on the user to

```
<h1>Ini halaman user</h1>
<h1>Hello, <?php echo
$this->session->userdata('level');
?></h1>
<a href=" <?= base_url().'login/logout';?>">logout</a>
```

## 22 Cek the code



Masukkan Username dan Password anda:

**Login**

Username

Password

Login

**Ini halaman user**

**Hello, user**

[logout](#)