

DISPOSISI SURAT

Di module kedua ini kita akan membahas tentang fitur login, authentication user, dan kita akan membuat fitur ini mulai dari fitur login, mari kita sama-sama membuat fitur untuk melengkapi project kita sebelumnya, setelah selesai membuat fitur login kita akan membuat controller yang bertugas untuk membaca menulis dan membaca semua hal yang berhubungan dengan komunikasi database dengan project kita, ada 4 langkah di sesi kali ini yaitu:

1. Membuat table user dan password hash
2. Membuat file controller login
3. Membuat file view login
3. Membuat file view halaman block
4. Membuat pengaturan session login

Membuat table user dan password hash

```
Command Prompt - mysql -u root -p
Microsoft Windows [Version 10.0.18363.1316]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\USER>php -a
Interactive shell

php > Echo password_hash("admin",PASSWORD_DEFAULT);
$2y$10$SI3n5wfq/L10mqpHoYw8zuNqUsEB09gah5Hp/q2s.IrV7xjjqBA16
php > ^C
C:\Users\USER>cd c:/xampp/mysql/bin

c:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 1494
Server version: 10.1.38-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use db_disposisi;
Database changed
MariaDB [db_disposisi]> show tables;
+-----+
| Tables_in_db_disposisi |
+-----+
| tb_user                  |
+-----+
1 row in set (0.00 sec)

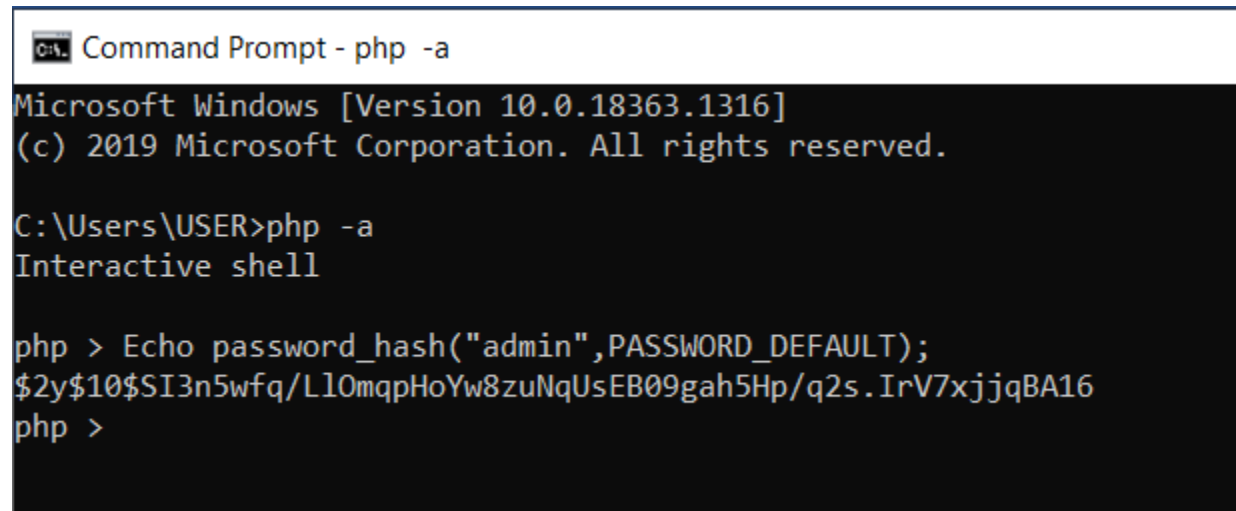
MariaDB [db_disposisi]> desc tb_user;
+-----+-----+-----+-----+-----+-----+
| Field      | Type                | Null | Key | Default        | Extra          |
+-----+-----+-----+-----+-----+-----+
| id          | int(11)              | NO   | PRI | NULL           | auto_increment |
| username    | varchar(64)          | NO   |     | NULL           |                |
| password    | varchar(255)         | NO   |     | NULL           |                |
| email       | varchar(255)         | NO   |     | NULL           |                |
| full_name   | varchar(255)         | NO   |     | NULL           |                |
| phone       | varchar(20)          | NO   |     | NULL           |                |
| role        | enum('admin','sekretaris') | NO   |     | admin          |                |
| last_login  | timestamp            | NO   |     | CURRENT_TIMESTAMP |                |
| is_active   | tinyint(1)           | NO   |     | 0              |                |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.01 sec)
```

create table tb_user(id int(11) primary key auto_increment,username
varchar(64),password varchar(255),email varchar(255),full_name varchar(255),phone
varchar(20),role enum('admin','sekretaris') default 'admin',last_login
timestamp,is_active int(5));

Berikutnya Sebelum kita membuat file login kita akan menambahkan data pada table user seperti dibawah ini, berikut ini adalah cara melakukan hash password di php default, mari kita coba sama sama. Buat password hash yang nantinya kita gunakan untuk isian pada record field password,

Ketik *php -a*

Echo password_hash("admin",PASSWORD_DEFAULT);



```
Command Prompt - php -a
Microsoft Windows [Version 10.0.18363.1316]
(c) 2019 Microsoft Corporation. All rights reserved.

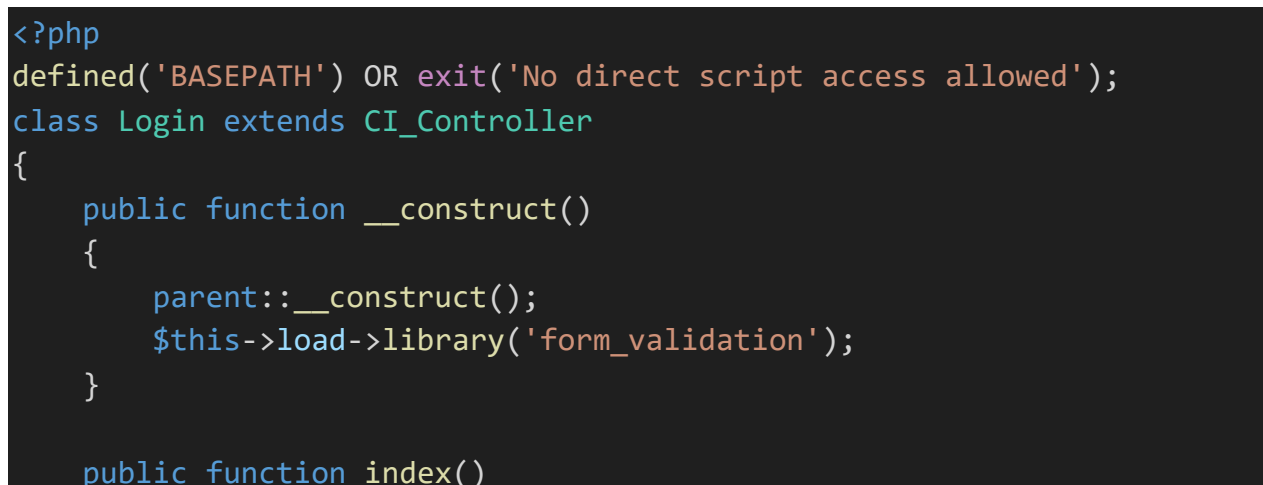
C:\Users\USER>php -a
Interactive shell

php > Echo password_hash("admin",PASSWORD_DEFAULT);
$2y$10$SI3n5wfq/Ll0mqpHoYw8zuNqUsEB09gah5Hp/q2s.IrV7xjjqBA16
php >
```

Membuat future login

Membuat file controller login

Kita akan membuat file login di Application/controller/login.php dan tambahkan kode berikut

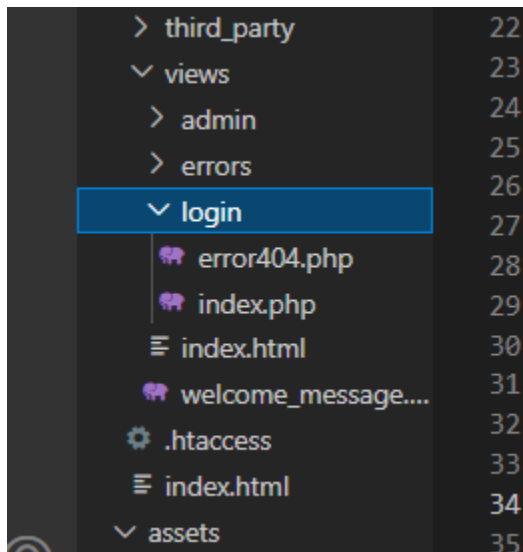


```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');
class Login extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->library('form_validation');
    }

    public function index()
```

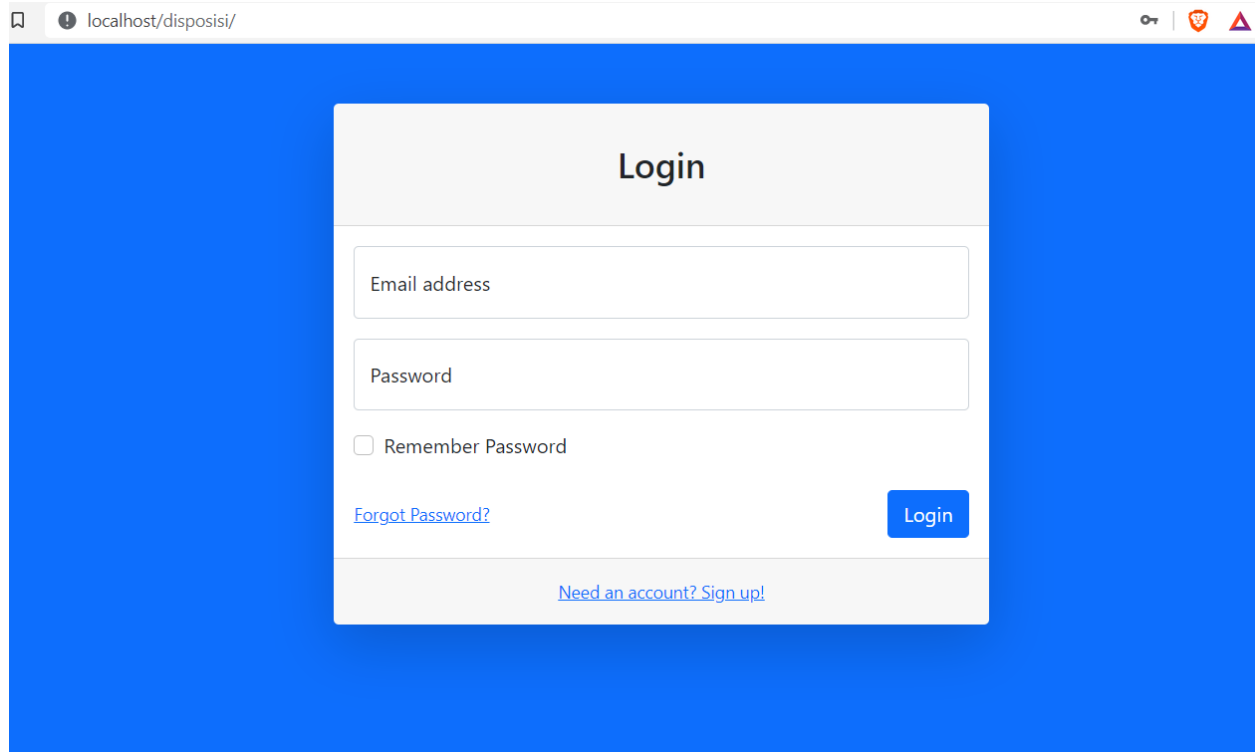
```
{  
    $this->load->view('login/index');  
}  
}
```

Langkah berikutnya kita akan membuat tampilan login, file login akan diletakan pada folder view/login/index.php, Membuat tampilan view login



Bisa kita liat dari struktur file yang ada di dalam folder view, yaitu tepatnya file berada di folder Application/View/Login/index.php

Tampilan yang akan kita desain seperti berikut:



Sedangkan isi source code /View/login/index.php dari file tersebut sebagai berikut:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no" />
    <meta name="description" content="" />
    <meta name="author" content="" />
    <title>Login - Disposisi Surat</title>
    <link href="<?= base_url('assets/css/styles.css')?>"
rel="stylesheet" />
    <script src="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/js/all.min.js" crossorigin="anonymous"></script>
  </head>
  <body class="bg-primary">
    <div id="layoutAuthentication">
      <div id="layoutAuthentication_content">
        <main>
```

```

<div class="container">
<div class="row justify-content-center">
<div class="col-lg-5">
<div class="card shadow-lg border-0 rounded-lg mt-5">
<div class="card-header"><h3 class="text-center font-weight-
light my-4">Login</h3></div>
<div class="card-body">
<?php echo $this->session->flashdata('message'); ?>
<form action="<?= base_url('login/dologin') ?>" method="POST">
<div class="form-floating mb-3">
<input class="form-control" id="inputEmail"
name="email" type="email" placeholder="name@example.com" />
<label for="inputEmail">Email address</label>
</div>
<div class="form-floating mb-3">
<input class="form-control" id="inputPassword"
name="password" type="password" placeholder="Password" />
<label for="inputPassword">Password</label>
</div>
<div class="form-check mb-3">
<input class="form-check-input"
id="inputRememberPassword" type="checkbox" value="" />
<label class="form-check-label"
for="inputRememberPassword">Remember Password</label>
</div>
<div class="d-flex align-items-center justify-content-
between mt-4 mb-0">
<a class="small" href="password.html">Forgot
Password?</a>
<input type="submit" class="btn btn-primary"
value="Login" />
</div>
</form>
</div>
<div class="card-footer text-center py-3">
<div class="small"><a href="register.html">Need an
account? Sign up!</a></div>
</div>
</div>

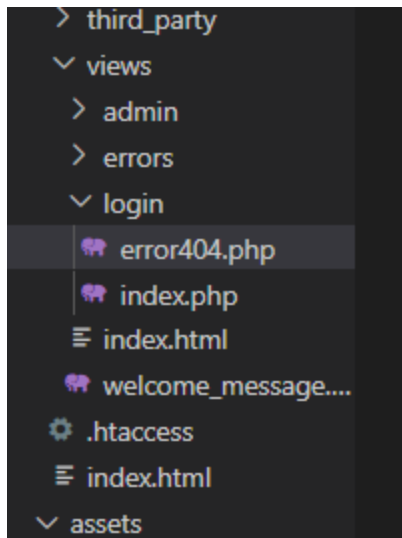
```

```

    </div>
  </div>
</div>
</main>
  </div>
  <div id="layoutAuthentication_footer">
<footer class="py-4 bg-light mt-auto">
  <div class="container-fluid px-4">
    <div class="d-flex align-items-center justify-content-between
small">
    <div class="text-muted">Copyright &copy; Your Website 2021</div>
    <div>
      <a href="#">Privacy Policy</a>
      &middot;
      <a href="#">Terms &amp; Conditions</a>
    </div>
  </div>
</div>
</div>
</div>
</div>
  </div>
  </div>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.bu
ndle.min.js" crossorigin="anonymous"></script>
  <script src="<?= base_url('assets/js/scripts.js')?>
"></script>
</body>
</html>

```

Langkah berikutnya kita akan membuat tampilan page block, file block akan diletakan pada folder view/login/error404.php, Membuat tampilan view block.



Bisa kita liat dari struktur file yang ada di dalam folder view, yaitu tepatnya file berada di folder Application/View/login/error404.php



This requested URL was not found on this server.

[← Return to Dashboard](#)

Sedangkan isi source code dari file tersebut sebagai berikut:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no" />
    <meta name="description" content="" />
    <meta name="author" content="" />
    <title>Login - Disposisi Surat</title>
    <link href="<?= base_url('assets/css/styles.css')?>" rel="stylesheet" />
    <script src="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/js/all.min.js" crossorigin="anonymous"></script>
  </head>
  <body>
    <div id="layoutError">
      <div id="layoutError_content">
        <main>
          <div class="container">
            <div class="row justify-content-center">
              <div class="col-lg-6">
                <div class="text-center mt-4">
                  
                  <p class="lead">This requested URL was not fo
und on this server.</p>
                  <a href="index.html">
                    <i class="fas fa-arrow-left me-1"></i>
                    Return to Dashboard
                  </a>
                </div>
              </div>
            </div>
          </div>
        </main>
      </div>
      <div id="layoutError_footer">
        <footer class="py-4 bg-light mt-auto">
          <div class="container-fluid px-4">
            <div class="d-flex align-items-center justify-content-
between small">
              <div class="text-
muted">Copyright &copy; Your Website 2024</div>
```



```

        $this->session->set_userdata($data);
        // periksa role-nya
        if ($user['role'] == 'admin') {
            $this->_updateLastLogin($userid);
            redirect('admin/menu');
        } else if ($user['role'] == 'sekretaris') {
            $this->_updateLastLogin($userid);
            redirect('surat_ajuan');
        } else{
            redirect('login');
        }
    } else {
        //jika password salah
        $this->session->set_flashdata('message', '<div
class="alert alert-danger" role="alert"> <b>Error :</b> Password
Salah. </div>');
        redirect('/');
    }
} else {
    //Jika user tidak terdaftar
    // echo "User Kadada";
    $this->session->set_flashdata('message', '<div class="alert
alert-danger" role="alert"> <b>Error :</b> User Tidak Terdaftar.
</div>');
    redirect('/');
}
}
}

```

Jika berhasil harusnya redirect akan mengarah ke link yang sesuai kita arahkan,

Kita akan melengkapi function index

```

public function index()
{
    $this->form_validation->set_rules('email', 'email',
'required|trim');
    $this->form_validation->set_rules('password', 'Password',
'required|trim');
}

```

```

        if ($this->form_validation->run() == false) {
            $this->load->view('login/index');
        } else {
            $this->dologin();
        }
    }
}

```

Lalu menambahkan function logout, block dan updatelastlogin seperti berikut

```

private function _updateLastLogin($userid){
    $sql = "UPDATE tb_user SET last_login=now() WHERE id=$userid";
    $this->db->query($sql);
}
public function logout()
{
    // hancurkan semua sesi
    $this->session->sess_destroy();
    redirect(site_url('login'));
}
public function block()
{
    $data = array(
        'user'    => infoLogin(),
        'title'   => 'Access Denied!'
    );
    $this->load->view('login/error404', $data);
}

```

Isi file Source Code lengkap pada file Application/controller/Login.php

```

<?php
defined('BASEPATH') OR exit('No direct script access allowed');
class Login extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->library('form_validation');
    }
}

```

```

public function index()
{
    $this->form_validation->set_rules('email', 'email', 'required|trim');
    $this->form_validation->
>set_rules('password', 'Password', 'required|trim');

    if ($this->form_validation->run() == false) {
        $this->load->view('login/index');
    } else {
        $this->dologin();
    }
}
public function dologin()
{
    $user = $this->input->post('email');
    $pswd = $this->input->post('password');
    // cari user berdasarkan email
    $user = $this->db->get_where('tb_user', ['email' => $user])->row_array();

    // jika user terdaftar
    if($user){
        // periksa password-nya
        if (password_verify($pswd, $user['password'])) {
            $data = [
                'id'      => $user['id'],
                'email'    => $user['email'],
                'username' => $user['username'],
                'role'     => $user['role']
            ];
            $userid = $user['id'];
            $this->session->set_userdata($data);
            // periksa role-nya
            if ($user['role'] == 'admin') {
                $this->_updateLastLogin($userid);
                redirect('admin/menu');
            } else if ($user['role'] == 'sekretaris') {
                $this->_updateLastLogin($userid);
                redirect('surat');
            }
        } else {
            //jika password salah
            $this->session->set_flashdata('message', '<div class="alert alert-
danger" role="alert"> <b>Error :</b> Password Salah. </div>');
            redirect('/');

```

```

    }
    } else {
        //Jika user tidak terdaftar
        // echo "User Kadada";
        $this->session->set_flashdata('message', '<div class="alert alert-
danger" role="alert"> <b>Error :</b> User Tidak Terdaftar. </div>');
        redirect('/');
    }
}

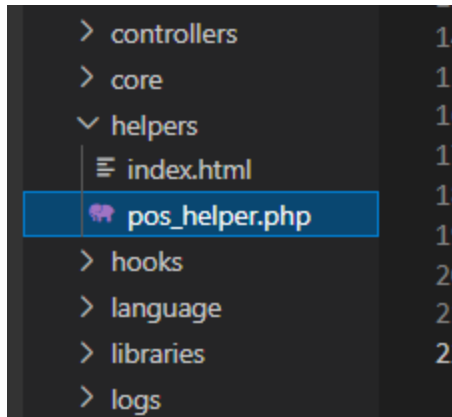
private function _updateLastLogin($userid){
    $sql = "UPDATE tb_user SET last_login=now() WHERE id=$userid";
    $this->db->query($sql);
}

public function logout()
{
    // hancurkan semua sesi
    $this->session->sess_destroy();
    redirect(site_url('login'));
}

public function block()
{
    $data = array(
        'user'    => infoLogin(),
        'title'    => 'Access Denied!'
    );
    $this->load->view('login/error404', $data);
}
}

```

Membuat pengaturan session login



Langkah selanjutnya cek / buat file baru di bagian helper yaitu di folder
application/helpers/pos_helper.php

Sedangkan source code seperti berikut:

```
<?php
function infoLogin(){
    $ci = get_instance();
    return $ci->db->get_where('tb_user', ['username' => $ci->session->userdata('username')])>row_array();
}

function cek_login(){
    $ci = get_instance();
    if( !$ci->session->userdata('username') ){
        redirect('login');
    }
}

function cek_user(){
    $ci = get_instance();
    $user = $ci->db->get_where('tb_user', ['username' => $ci->session->userdata('username')])>row_array();
    if($user['role'] == 'admin'){

    }else{
        redirect('login/block');
    }
}
```

Kemudian cek kembali file autoload.php di folder config/autoload.php dan tambahkan “pos” artinya file pos_helper.php

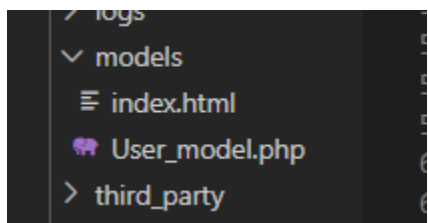
```
41 //
42 $autoload['packages'] = array();
43
44 $autoload['libraries'] = array('database','session','form_validation');|
45
46 $autoload['drivers'] = array();
47
48 $autoload['helper'] = array('url','pos');
49
50 $autoload['config'] = array();
51
52
53 $autoload['language'] = array();
54
```

Membuat fitur crud user

Melakukan Konfigurasi fitur admin, untuk fitur user hanya boleh diakses oleh admin maka kita akan membuat folder khusus yaitu dengan nama folder admin dari controller, sebelum melakukan hal tersebut kita akan membuat file model terlebih dahulu.

Pertama kita akan membuat model terlebih dahulu,

Menambahkan Model user



```
<?php defined('BASEPATH') OR exit('No direct script access allowed');
class User_model extends CI_Model
{
    protected $_table = 'tb_user';
```



```

protected $primary = 'id';

public function getAll()
{
    return $this->db->where('is_active',1)->get($this->_table)->result();
}

public function save(){
    $data = array(
        'username' => htmlspecialchars($this->input->post('username'), true),
        'password' => password_hash($this->input-
>post('password'), PASSWORD_DEFAULT),
        'email' => htmlspecialchars($this->input->post('email'), true),
        'full_name' => htmlspecialchars($this->input-
>post('full_name'), true),
        'phone' => htmlspecialchars($this->input->post('phone'), true),
        'role' => htmlspecialchars($this->input->post('role'), true),
        'is_active' => 1,
    );
    return $this->db->insert($this->_table,$data);
}

public function getById($id)
{
    return $this->db->get_where($this->_table, ["id" => $id])->row();
}

public function editData()
{
    $id = $this->input->post('id');
    $data = array(
        'username' => htmlspecialchars($this->input->post('username'), true),
        'password' => password_hash($this->input-
>post('password'), PASSWORD_DEFAULT),
        'email' => htmlspecialchars($this->input->post('email'), true),
        'full_name' => htmlspecialchars($this->input-
>post('full_name'), true),
        'phone' => htmlspecialchars($this->input->post('phone'), true),
        'role' => htmlspecialchars($this->input->post('role'), true),
        'is_active' => 1,
    );
    return $this->db->set($data)->where($this->primary,$id)->update($this-
>_table);
    // if($this->db->affected_rows()>0){

```

```

        // $this->session-
>set_flashdata("success","Data user Berhasil DiUpdate");
        // }
    }
    public function delete($id)
    {
        $this->db->where('id',$id)->delete($this->_table);
        if($this->db->affected_rows()>0){
            $this->session-
>set_flashdata("success","Data user Berhasil DiDelete");
        }
    }
}

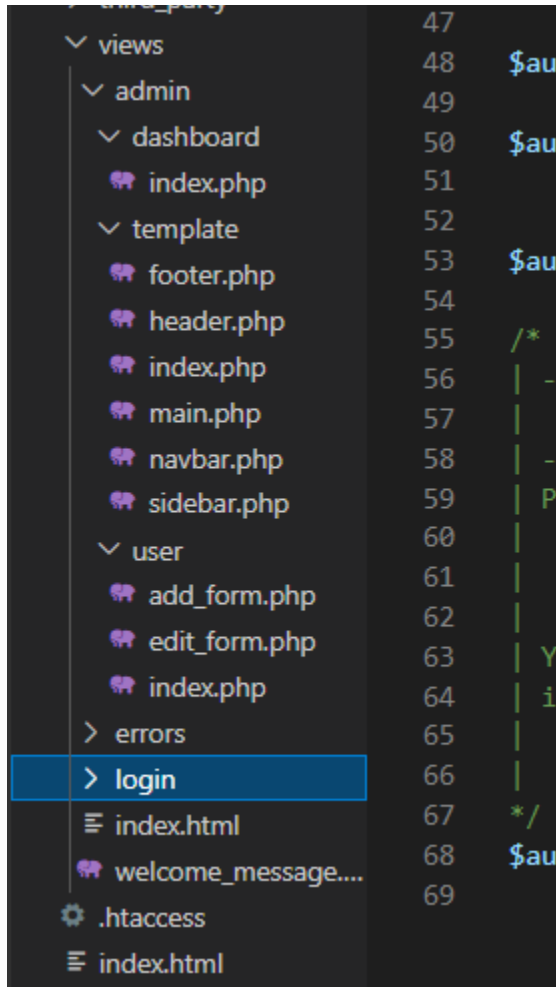
```

Lalu membuat controller,

Kita buat 2 file didalam folder admin yaitu User.php dan Menu.php

▼ application	45
> cache	46
> config	47
▼ controllers	48
▼ admin	49
🐘 Menu.php	50
🐘 User.php	51
≡ index.html	52
🐘 Login.php	53
🐘 Welcome.php	54
> core	55
> helpers	56
	57
	58

Penambahan struktur view folder dan file baru yang akan kita copy pada folder template sebelumnya, menambahkan template admin seperti gambar berikut, kita akan copy paste dari template sebelumnya,



file admin/template/main.php kita copy dari template/file

```
<?php
$this->load->view('admin/template/header');
$this->load->view('admin/template/navbar');
$this->load->view('admin/template/sidebar');
$this->load->view($content);
$this->load->view('admin/template/footer');
```

Menambahkan controller user

▼ application	36
> cache	37
> config	38
▼ controllers	40
▼ admin	41
🐘 Menu.php	42
🐘 User.php	43
≡ index.html	44
🐘 Login.php	45
🐘 Welcome.php	46
> core	47
> helpers	48

Controller/admin/Menu.php

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Menu extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        // $this->load->model("product_model");
        $this->load->library('form_validation');
    }
    public function index()
    {
        $data = array(
            'title' => 'Dashboard',
            'content' => "admin/dashboard/index"
        );

        $this->load->view('admin/template/main',$data);
    }
}
```

Controller/admin/User.php

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class User extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        $this->load->model("User_model");
        $this->load->library('form_validation');
    }
    public function index()
    {
        $data = array(
            'title' => 'View Data User',
            'user' => $this->User_model->getAll(),
            'content'=> 'admin/user/index'
        );
        $this->load->view('admin/template/main',$data);
    }

    public function add()
    {
        $data = array(
            'title' => 'Tambah Data User',
            'content'=> 'admin/user/add_form'
        );
        $this->load->view('admin/template/main',$data);
    }
    public function save()
    {
        $this->User_model->Save();
        if($this->db->affected_rows()>0){
            $this->session->
>set_flashdata("success","Data user Berhasil DiSimpan");
        }
        redirect('admin/user');
    }

    public function getedit($id)
    {
        $data = array(
            'title' => 'Update Data user',
            'user' => $this->User_model->getById($id),
```

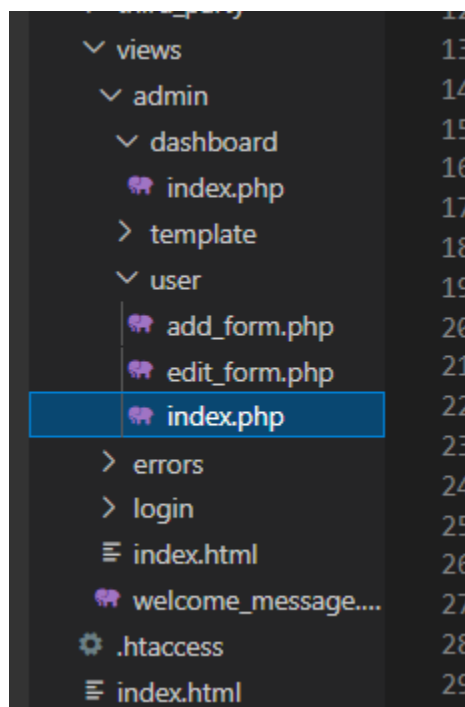
```

        'content'=> 'admin/user/edit_form'
    );
    $this->load->view('admin/template/main',$data);
}

public function edit()
{
    $this->User_model->editData();
    if($this->db->affected_rows()>0){
        $this->session->
>set_flashdata("success","Data user Berhasil DiUpdate");
    }
    redirect('admin/user');
}
function delete($id)
{
    $this->User_model->delete($id);
    redirect('admin/user');
}
}

```

Menambahkan file view user view/admin/user/index.php




```

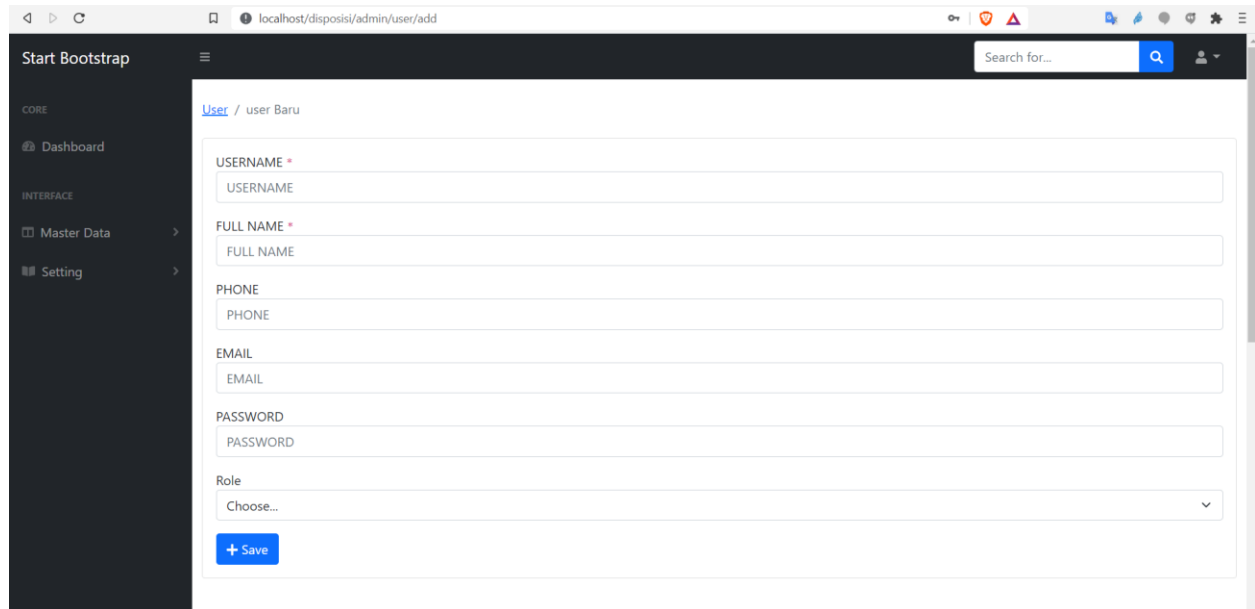
        <th>Name</th>
        <th>Email</th>
        <th>Phone</th>
        <th>Role</th>

        <th>Action</th>
    </tr>
</thead>
<tbody>
    <?php
    $no =1;
        foreach ($user as $user) {
    echo "<tr>
        <td>$no</td>
        <td>$user->username</td>
        <td>$user->email</td>
        <td>$user->phone</td>
        <td>$user->role</td>
        <td>
            <div>
                <a href='".base_url('admin/user/getedit/' . $user->id)."' class='btn btn-sm btn-info'><i class='fas fa-edit'></i> Edit</a>
                <a href='".base_url('admin/user/delete/' . $user->id)."' class='btn btn-sm btn-danger'
                    onclick='return confirm(\"Ingin menghapus data user in i?\");'><i class='fas fa-trash'></i> Hapus</a>
            </div>
        </td>
    </tr>";
    $no++;
        } ?>
    </tbody>
</table>
</div>

</div>
<div style="height: 100vh"></div>
</div>
</main>

```


File Application/view/admin/user/add_form.php



The screenshot shows a web browser at the URL `localhost/disposisi/admin/user/add`. The page has a dark sidebar on the left with the following menu items: "Start Bootstrap", "CORE", "Dashboard", "INTERFACE", "Master Data", and "Setting". The main content area is titled "User / user Baru" and contains a form with the following fields: "USERNAME *" (with a red asterisk), "FULL NAME *" (with a red asterisk), "PHONE", "EMAIL", "PASSWORD", and a "Role" dropdown menu with "Choose..." selected. A blue "+ Save" button is at the bottom left of the form.

```
<main>
  <div class="container-fluid">
    <h1 class="mt-4"></h1>
    <ol class="breadcrumb mb-4">
      <li class="breadcrumb-item"><a href="<?php echo
site_url('admin/user') ?>">User</a></li>
      <li class="breadcrumb-item active"><?php echo $title ?></li>
    </ol>
    <div class="card mb-4">
      <div class="card-body">
        <form action="<?php echo site_url('admin/user/save') ?>"
method="post" >
          <div class="mb-3">
            <label for="username">USERNAME <code>*</code></label>
            <input class="form-control <?php echo form_error('username') ?
'is-invalid': '' ?>"
```

```

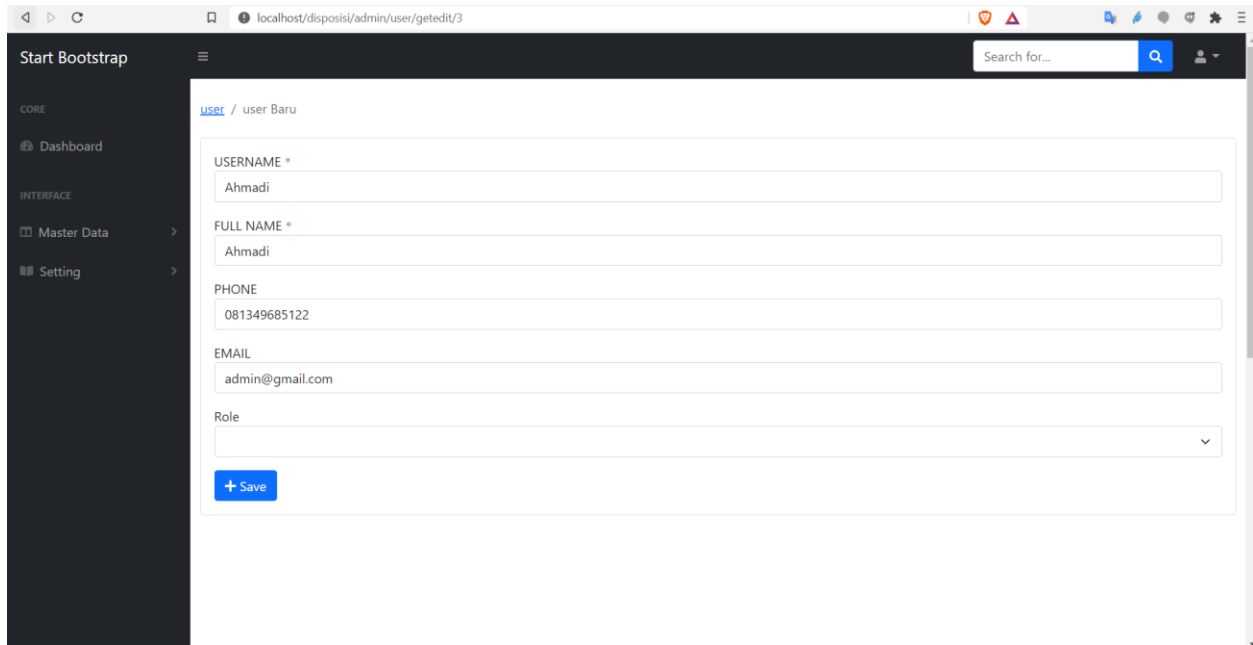
        type="text" name="username" placeholder="USERNAME" required
/>
        <div class="invalid-feedback">
            <?php echo form_error('username') ?>
        </div>
    </div>
    <div class="mb-3">
        <label for="full_name">FULL NAME <code>*</code></label>
        <input class="form-control" type="text" name="full_name"
placeholder="FULL NAME" required />
    </div>
    <div class="mb-3">
        <label for="phone">PHONE</label>
        <input class="form-control" type="number" name="phone"
placeholder="PHONE" required/>
    </div>
    <div class="mb-3">
        <label for="email">EMAIL</label>
        <input class="form-control" type="text" name="email"
placeholder="EMAIL" required/>
    </div>
    <div class="mb-3">
        <label class="control-label col-md-3 col-sm-3 col-xs-
12">PASSWORD</label>
        <input type="password" class="form-control" id="password"
name="password" autocomplete="off" placeholder="PASSWORD" required>
    </div>
    <div class="mb-3">
        <label for="role">Role</label>
        <select class="form-select" id="role" name="role" required>
            <option selected>Choose...</option>
            <option value="admin">ADMIN</option>
            <option value="sekretaris">SEKRETARIS</option>
        </select>
    </div>
    <button class="btn btn-primary" type="submit"><i class="fas fa-
plus"></i> Save</button>
</form>

</div>
</div>
<div style="height: 100vh"></div>
</div>

```

```
</main>
```

File Application/view/admin/user/edit_form.php



The screenshot shows a web browser window with the URL `localhost/disposisi/admin/user/getedit/3`. The application has a dark sidebar with the following menu items: "Start Bootstrap", "CORE", "Dashboard", "INTERFACE", "Master Data", and "Setting". The main content area is titled "user / user Baru" and contains a form with the following fields: "USERNAME *" (filled with "Ahmadi"), "FULL NAME *" (filled with "Ahmadi"), "PHONE" (filled with "081349685122"), "EMAIL" (filled with "admin@gmail.com"), and "Role" (a dropdown menu). A blue "+ Save" button is located at the bottom of the form.

```
<main>
  <div class="container-fluid">
    <h1 class="mt-4"></h1>
    <ol class="breadcrumb mb-4">
      <li class="breadcrumb-item"><a href="<?php echo
site_url('admin/user') ?>">User</a></li>
      <li class="breadcrumb-item active"><?php echo $title ?></li>
    </ol>
    <div class="card mb-4">
      <div class="card-body">
        <form action="<?php echo site_url('admin/user/edit') ?>"
method="post" >
          <div class="mb-3">
            <label for="username">USERNAME <code>*</code></label>
```

```

        <input class="form-control" type="hidden" name="id"
value="<?=$user->id;?>" required />
        <input class="form-control" <?php echo form_error('username') ?
'is-invalid':'' ?>"
            type="text" name="username" value="<?=$user->username;?>"
placeholder="USERNAME" required />
        <div class="invalid-feedback">
            <?php echo form_error('username') ?>
        </div>
    </div>
    <div class="mb-3">
        <label for="full_name">FULL NAME <code>*</code></label>
        <input class="form-control" type="text" name="full_name"
value="<?=$user->full_name;?>" placeholder="FULL NAME" required />
    </div>
    <div class="mb-3">
        <label for="phone">PHONE</label>
        <input class="form-control" type="text" name="phone"
value="<?=$user->phone;?>" placeholder="PHONE" required/>
    </div>
    <div class="mb-3">
        <label for="email">EMAIL</label>
        <input class="form-control" type="email" name="email"
value="<?=$user->email;?>" placeholder="EMAIL" required/>
    </div>
    <div class="mb-3">
        <label for="role">Role</label>
        <select class="form-select" id="role" name="role" required>
            <?php if($user->role == 'admin'){?>
                <option value="admin" selected>ADMIN</option>
            <?php }else{?>
                <option value="sekretaris" selected>SEKRETARIS</option>
            <?php }?>
        </select>
    </div>
    <button class="btn btn-primary" type="submit"><i class="fas fa-
plus"></i> Save</button>
</form>

</div>
</div>
<div style="height: 100vh"></div>
</div>
</main>

```

Sidebar admin

```
<a class="nav-link" href="<?php echo site_url('admin/user');?>">  
User</a>  
<a class="nav-link" href="<?php echosite_url('admin/surat_masuk');?>">  
Surat Masuk</a>  
<a class="nav-link" href="<?php echo  
site_url('admin/surat_keluar');?>"> Surat Keluar</a>  
<a class="nav-link" href="<?php echo site_url('admin/disposisi');?>">  
Disposisi</a>
```