

Tugas Praktikum VIII

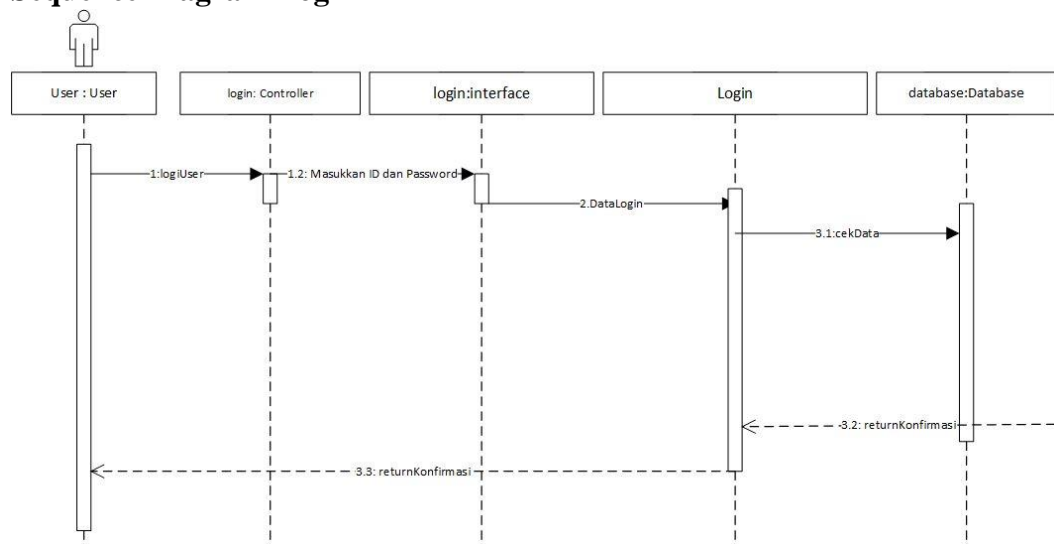
KELOMPOK 3 :

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TUGAS PENDAHULUAN - Membuat *SEQUENCE DIAGRAM*

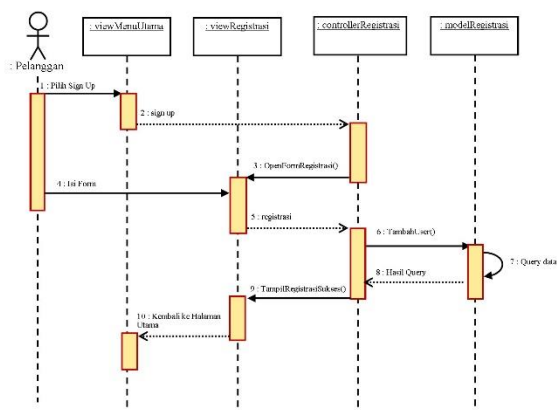
1. Periksa kembali apakah di DPPL Kelompok Anda terdapat *Sequence Diagram* untuk setiap *USE CASE* yang ada di *USE CASE DIAGRAM*. (Misal ada 5 use case, maka perlu dibuat 5 *Sequence Diagram*).

- **Sequence Diagram Login**

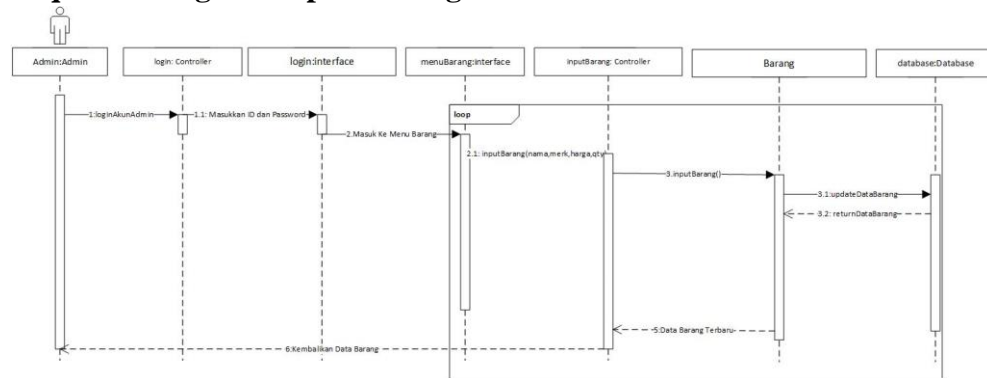


- **Sequence Diagram Registrasi**

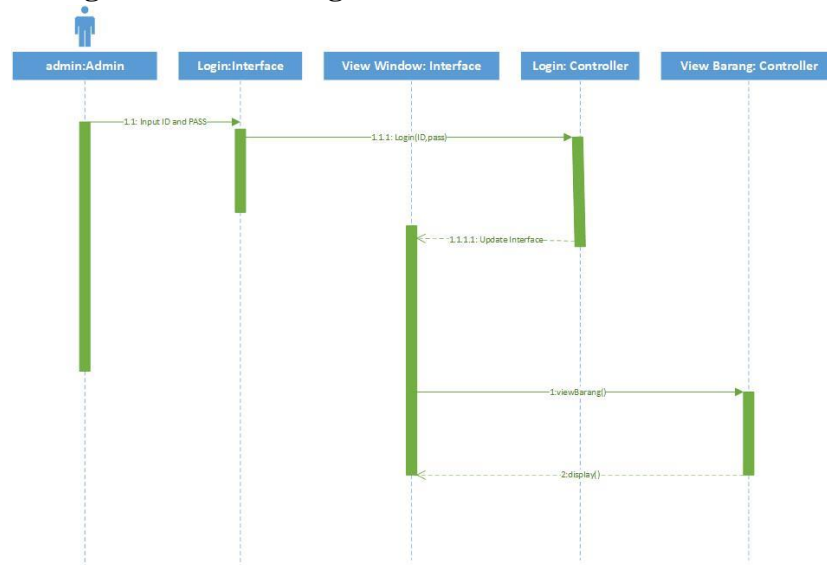
Sequence diagram Registrasi User



- Sequence Diagram Input Barang

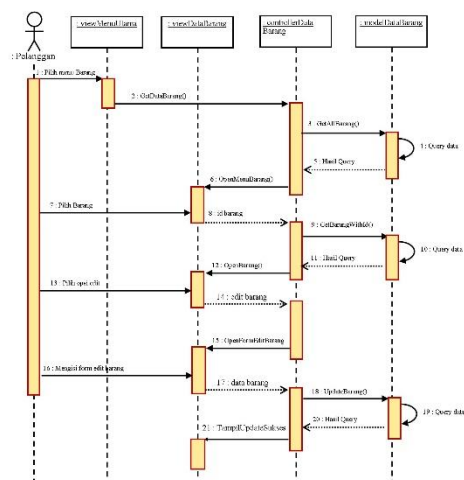


- Sequence Diagram View Barang

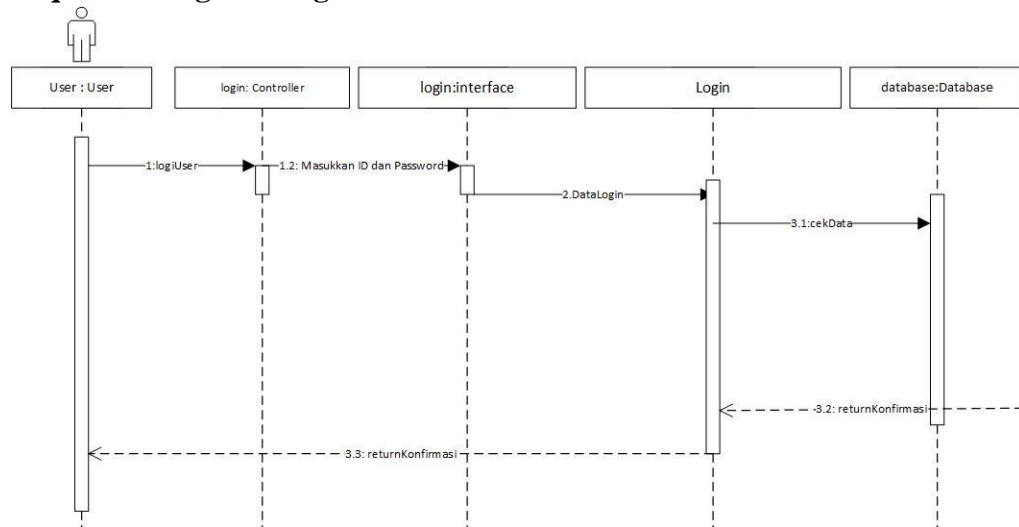


- Sequence Diagram Edit Barang

Sequence diagram Edit Barang



- **Sequence Diagram Login**



2. Jika belum ada, buatlah *SEQUENCE DIAGRAM* di DPPL Anda.

⇒ **Sudah Ada**

3. Jika sudah ada, periksa kembali kelengkapan dan keakuratannya. Laporkan dokumen DPPL dengan *Sequence Diagram* yang sudah lengkap pada Tugas Pendahuluan.

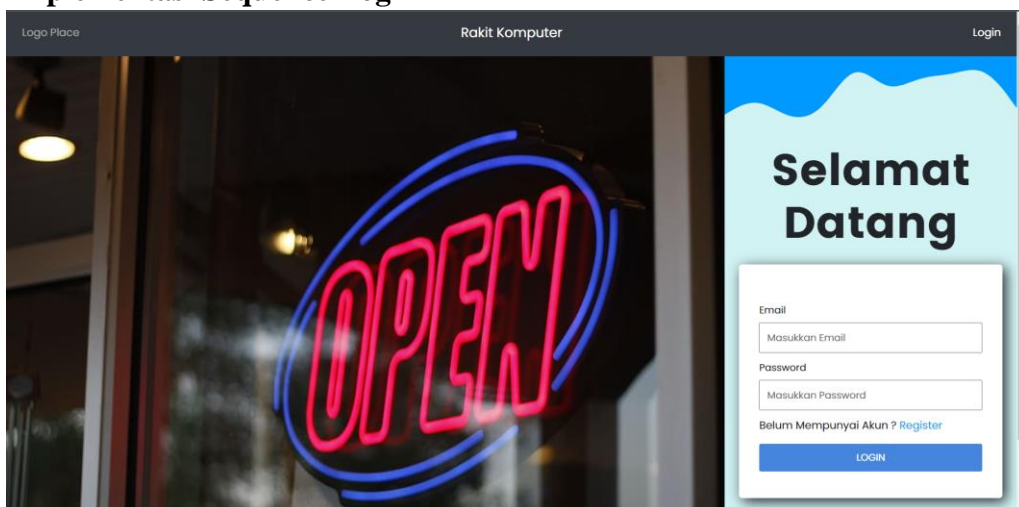
⇒ **Sudah Diatas**

TUGAS LAB

Sequence Diagram pada umumnya menggambarkan interaksi *Actor* dengan sistem dalam satu rangkaian masukan dan keluaran. Masukan dari *Actor* via IMK, akan direspon oleh aplikasi melalui pemanggilan *method-method* dari *class-class* yang saling berinteraksi, yang jika diperlukan sampai perlu mengakses tabel basis data yang relevan dengan SQL yang di-"embed" di bahasa pemrograman, lalu memberikan hasil pengaksesannya ke *Actor* via IMK lagi.

Implementasikan setidaknya satu *Sequence Diagram* yang dapat bekerja sesuai deskripsi di atas.

⇒ **Implementasi Sequence Login**



Jadi user dapat Login ke rolenya masing-masing pada contoh ini user memiliki role sebagai konsultan.

```
<!DOCTYPE html>
<html>
<head>
  <title>Login Form</title>
  <link rel="stylesheet" type="text/css" href="style.css">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-I..
  <link rel="stylesheet" type="text/css" href="<?php echo $this->config->item('base_url');>/assets/css/style.css">
</head>
<body class="bodyLogin">
  <nav class="navbar navbar-expand-md navbar-dark bg-dark pt-3 pb-3 ">
    <div class="navbar-collapse collapse w-100 order-1 order-md-0 dual-collapse2">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item">
          <a class="nav-link" href="#">Logo Place</a>
        </li>
      </ul>
    </div>
    <div class="mx-auto order-0">
      <a class="navbar-brand mx-auto" href="<?= site_url('halaman_index') ?>">Rakit Komputer</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target=".dual-collapse2">
        <span class="navbar-toggler-icon"></span>
      </button>
    </div>
    <div class="navbar-collapse collapse w-100 order-3 dual-collapse2">
      <ul class="navbar-nav ml-auto">
        <li class="nav-item active">
          <a class="nav-link" href="<?= site_url('login') ?>">Login</a>
        </li>
      </ul>
    </div>
  </nav>
  <div class="grid">
    <div class="grid-left">
      <div class="foto">
        
      </div>
    </div>
```

```

    <div class="grid-right">
      <svg xmlns="http://www.w3.org/2000/svg" viewBox="0 0 1440 320">
        <path fill="#0099ff" fill-opacity="1" d="M0,288L26.7,272C53.3,256,107,224,160,229.3C213.3,235,267,277,320,293.3C373.3,309,427,299,480,245.3C533.3,192,587,96,640,0L1440,0Z">
      </svg>
      <h1 id="loginHeader">Selamat<br>Datang</h1>
      <div class="login_card">
        <div class="form-group">
          <?php echo $this->session->flashdata('error_messages'); ?>
        </div>
        <form action="<?= site_url('proses_login') ?>" method="post">
          <label>Email</label>
          <input type="text" name="email" class="form_login" placeholder="Masukkan Email">
          <label>Password</label>
          <input type="password" name="password" class="form_login" placeholder="Masukkan Password">
          <div class="signUp">
            <p>Belum Mempunyai Akun ? <span><a href="<?= site_url('halaman_register') ?>" style="color: #17A1EF;">Register</a></span></p>
          </div>
          <input type="submit" class="buttonLogin" value="LOGIN">
        </form>
      </div>
    </div>
  </div>
  <footer></footer>
</body>
</html>
```

Controller yang digunakan

```
class LoginController extends CI_Controller {

    function __construct()
    {
        parent::__construct();
        $this->load->model("user_model", "user");
        $this->load->model("pelanggan_model", "pelanggan");
        $this->load->model("admin", "admin_model");
        $this->load->model("konsultan_model", "konsultan");
        $this->load->model("manajer", "manajer_model");
        $this->load->model('modelRS');
        $this->load->model('LoginModel');
        $this->load->helper('url');
    }

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

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

public function loginProses($email,$password,$idUser){
    $isUser = $this->pelanggan->cekData($email);
    // $isAdmin = $this->admin_model->cekData($nama,$password);
    $isKonsultan = $this->konsultan->cekData($email);
    // $isManajer = $this->manajer_model->cekData($nama,$password);
    $statusLogin = "";
    if($isUser){
        $nama_user = $this->pelanggan->getNama($email,$idUser);
        $data_session = array(
            'email' => $email,
            'password' => $password,
            'nama' => $nama_user
        );
        $this->session->set_userdata($data_session);
        $this->session->set_userdata("Status", "User");
        $statusLogin = "Pelanggan";
    }else if ($isAdmin){
        // $this->session->set_userdata($data_session);
        // $this->session->set_userdata("Status", "Admin");
        // redirect('HomeControllerAdminr');
    }else if($isKonsultan){
        $nama_user = $this->konsultan->getNama($email,$idUser);
        $data_session = array(
            'email' => $email,
            'password' => $password,
            'nama' => $nama_user
        );
        $this->session->set_userdata($data_session);
        $this->session->set_userdata("Status", "Konsultan");
        $statusLogin = "Konsultan";
    }else{
        // $this->session->set_userdata($data_session);
        // $this->session->set_userdata("Status", "Manajer");
        // redirect('HomeControllerManajer');
    }
    return $statusLogin;
}
```

```

public function loginStep(){
    $email = $this->input->post('email');
    $password = $this->input->post('password');
    if($this->user->cekDataEmail($email,$password)){
        $idUser = $this->user->getIDEmail($email,$password);
        $status = $this->loginProses($email,$password,$idUser);
        if ($status == "Pelanggan"){
            redirect('PelangganController');
        }else if($status == "Konsultan"){
            redirect('KonsultanController');
        }else if ($status == "Manajer"){
            redirect('login');
        }else {
            redirect('login');
        }
    }else{
        $this->session->set_flashdata('error_messages','<div class="alert alert-danger alert-dismissible fade show" role="alert">
        Username dan Password Tidak Sesuai. </div>');
        redirect(base_url());
    }
}
}

```

Model yang digunakan

```

class user_model extends CI_Model{

    function __construct (){
        parent::__construct();
    }

    function insertData($data){
        return $this->db->insert('user',$data);
    }

    function cekData($username,$email){
        $this->db->where('username',$username);
        $this->db->where('email',$email);
        $query = $this->db->get('user');
        if($query->num_rows() > 0){
            return true;
        }
        else{
            return false;
        }
    }

    function cekDataEmail($email,$password){
        $this->db->where('password',$password);
        $this->db->where('email',$email);
        $query = $this->db->get('user');
        if($query->num_rows() == 1){
            return true;
        }
        else{
            return false;
        }
    }

    function getData($username, $email){
        $this->db->where('username',$username);
        $this->db->where('email',$email);
        return $this->db->get('user')->result_array();
    }

    function getID($username,$email){
        $this->db->select('id_user');
        $this->db->where('username',$username);
        $this->db->where('email',$email);
        return $this->db->get('user')->row()->id_user;
    }

    function getIDEmail($email,$password){
        $this->db->select('id_user');
        $this->db->where('email',$email);
        $this->db->where('password',$password);
        return $this->db->get('user')->row()->id_user;
    }
}

```

```

class pelanggan_model extends CI_Model{

    function __construct (){
        parent::__construct();
    }

    function insertData($data){
        return $this->db->insert('pelanggan',$data);
    }

    function cekData($email){
        $this->db->where('email_pelanggan',$email);
        $query = $this->db->get('pelanggan');
        if($query->num_rows() > 0){
            return true;
        }
        else{
            return false;
        }
    }

    function getData($nama, $email){
        $this->db->where('nama_pelanggan',$nama);
        $this->db->where('email_pelanggan',$email);
        return $this->db->get('pelanggan')->result_array();
    }

    function getName($email,$idUser){
        $this->db->select('nama_pelanggan');
        $this->db->where('email_pelanggan',$email);
        $this->db->where('id_user',$idUser);
        return $this->db->get('pelanggan')->row()->nama_pelanggan;
    }
}

```

```

class konsultan_model extends CI_Model{

    function __construct (){
        parent::__construct();
    }

    function insertData($data){
        return $this->db->insert('konsultan',$data);
    }

    function cekData($email){
        $this->db->where('email_konsultan',$email);
        $query = $this->db->get('konsultan');
        if($query->num_rows() > 0){
            return true;
        }
        else{
            return false;
        }
    }

    function getData($nama, $email){
        $this->db->where('nama_konsultan',$nama);
        $this->db->where('email_konsultan',$email);
        return $this->db->get('konsultan')->result_array();
    }

    function getName($email,$idUser){
        $this->db->select('nama_konsultan');
        $this->db->where('email_konsultan',$email);
        $this->db->where('id_user',$idUser);
        return $this->db->get('konsultan')->row()->nama_konsultan;
    }
}

```

⇒ Implementasi Sequence Registrasi

Logo Place

Rakit Komputer

Login

Menu Register

Nama

Masukkan Nama

Email

Masukkan Email

Username

Masukkan Username

Password

Masukkan Password

Re-Password

Masukkan Kembali Password

Alamat Pengiriman

Masukkan Alamat Pengiriman

Mendaftar Sebagai

Konsultan

LOGIN

Logo Place

Rakit Komputer

Login

Menu Register

User Sudah Pernah Mendaftar

Nama

Masukkan Nama

Email

Masukkan Email

Username

Masukkan Username

Password

Masukkan Password

Re-Password

Masukkan Kembali Password

Alamat Pengiriman

Masukkan Alamat Pengiriman

Mendaftar Sebagai

Konsultan

LOGIN

Logo Place

Rakit Komputer

Login

Menu Register

Silahkan Melakukan Login

Nama

Masukkan Nama

Email

Masukkan Email

Username

Masukkan Username

Password

Masukkan Password

Re-Password

Masukkan Kembali Password

Alamat Pengiriman

Masukkan Alamat Pengiriman

Mendaftar Sebagai

Konsultan

LOGIN


```

<!DOCTYPE html>
<html>
<head>
<title>Register Form</title>
<link rel="stylesheet" type="text/css" href="style.css">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384qqaQVz77qdW8yRhZx0RKT0pJ+uQp1ZthmRW1Qb370xKzqwr2SP649A" crossorigin="anonymous">
<link rel="stylesheet" type="text/css" href="/php echo $this->config->item( 'base_url' );/assets/css/style.css">
</head>
<body class="bodyLogin">
<nav class="navbar navbar-expand-md navbar-dark bg-dark pt-3 pb-3">
<div class="navbar-collapse collapse w-100 order-1 order-md-0 dual-collapse2">
<ul class="navbar-nav w-auto">
<li class="nav-item">
<a class="nav-link" href="#">Logo Place</a>
</li>
</ul>
</div>
<div class="mx-auto order-0">
<a class="navbar-brand mx-auto" href="#"> site_url('halaman_index') ?>Rakit Komputer</a>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-target=".dual-collapse2">
<span class="navbar-toggler-icon"></span>
</button>
</div>
<div class="navbar-collapse collapse w-100 order-3 dual-collapse2">
<ul class="navbar-nav w-auto">
<li class="nav-item active">
<a class="nav-link" href="#"> site_url('login') ?>Login</a>
</li>
</ul>
</div>
</nav>
<div class="grid">
<div id="loginheader">Menu Register</div>
<div class="login-card">
<div class="form-group">
<php echo $this->session->flashdata('error_messages'); ?>
</div>
<form action="#"> site_url('RegisterController/registerData') ?> method="post">
<div class="form-group">
<label>Nama</label>
<input type="text" name="nama" class="form-control" placeholder="Masukkan Nama" required>
</div>
<div class="form-group">
<label>Email</label>
<input type="text" name="email" class="form-control" placeholder="Masukkan Email" required>
</div>
<div class="form-group">
<label>Username</label>
<input type="text" name="username" class="form-control" placeholder="Masukkan Username" required>
</div>
<div class="form-group">
<label>Password</label>
<input type="password" name="password" class="form-control" placeholder="Masukkan Password" required>
</div>
<div class="form-group">
<label>Re-Password</label>
<input type="password" name="re-password" class="form-control" placeholder="Masukkan Kembali Password" required>
</div>
<div class="form-group">
<label>Alamat Pengiriman</label>
<input type="text" name="alamat" class="form-control" placeholder="Masukkan Alamat Pengiriman" required>
</div>
<div class="form-group">
<label for="role">Mendaftar Sebagai</label>
<br>
<select name="role" id="role" style="width:100%;height:40px" required>
<option value="Konsultan">Konsultan</option>
<option value="Pelanggan">Pelanggan</option>
</select>
<br><br>
</div>
<input type="submit" class="buttonLogin" value="LOGIN">
</form>
</div>
</div>
<div>
<footer></footer>
</div>
</body>
</html>

```

Controller yang digunakan

```
class RegisterController extends CI_Controller {

    function __construct()
    {
        parent::__construct();
        $this->load->model("user_model","user");
        $this->load->model("pelanggan_model","pelanggan");
        #$this->load->model("admin","admin_model");
        $this->load->model("konsultan_model","konsultan");
        #$this->load->model("manajer","manajer_model");
        #$this->load->model('modelRS');
        #$this->load->model('LoginModel');
        $this->load->helper('url');
    }

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

    public function registerData(){
        $nama = $this->input->post('nama');
        $email = $this->input->post('email');
        $username = $this->input->post('username');
        $password = $this->input->post('password');
        $rePassword = $this->input->post('re-password');
        $role = $this->input->post('role');
        $alamat = $this->input->post('alamat');

        if($nama != NULL && $email != NULL && $username != NULL && $password != NULL && $role != NULL && $alamat != NULL){
            if($this->user->cekData($username,$email))
            {
                if($password == $rePassword){
                    $dataUser = array(
                        'username' => $username,
                        'password' => $password,
                        'email' => $email
                    );
                    $this->user->insertData($dataUser);
                    $userID = $this->user->getID($username,$email);
                    if ($role == "Konsultan"){
                        $dataKonsultan = array(
                            'nama_konsultan' => $nama,
                            'alamat_konsultan' => $alamat,
                            'email_konsultan' => $email,
                            'id_user' => $userID
                        );
                        $this->konsultan->insertData($dataKonsultan);
                        $this->session->set_flashdata('error_messages',' <div><label for="Alert" style="color:green">Silahkan Melakukan Login</label></div>');
                    }else if ($role == "Pelanggan"){
                        $dataPelanggan = array(
                            'nama_pelanggan' => $nama,
                            'alamat_pelanggan' => $alamat,
                            'email_pelanggan' => $email,
                            'id_user' => $userID
                        );
                        $this->pelanggan->insertData($dataKonsultan);
                        $this->session->set_flashdata('error_messages',' <div><label for="Alert" style="color:green">Silahkan Melakukan Login</label></div>');
                    }
                    redirect('halaman_register');
                }else{
                    $this->session->set_flashdata('error_messages',' <div><label for="Alert" style="color:red">Password Tidak Sama</label></div>');
                    redirect('halaman_register');
                }
            }else{
                $this->session->set_flashdata('error_messages',' <div><label for="Alert" style="color:red">User Sudah Pernah Mendaftar</label></div>');
                redirect('halaman_register');
            }
        }else{
            $this->session->set_flashdata('error_messages',' <div><label for="Alert" style="color:red">Input Harus Diisi</label></div>');
            redirect('halaman_register');
        }
    }
}
```

Model yang digunakan

```
class user_model extends CI_Model{

    function __construct (){
        parent::__construct();
    }

    function insertData($data){
        return $this->db->insert('user',$data);
    }

    function cekData($username,$email){
        $this->db->where('username',$username);
        $this->db->where('email',$email);
        $query = $this->db->get('user');
        if($query->num_rows() > 0){
            return true;
        }
        else{
            return false;
        }
    }

    function cekDataEmail($email,$password){
        $this->db->where('password',$password);
        $this->db->where('email',$email);
        $query = $this->db->get('user');
        if($query->num_rows() == 1){
            return true;
        }
        else{
            return false;
        }
    }

    function getData($username, $email){
        $this->db->where('username',$username);
        $this->db->where('email',$email);
        return $this->db->get('user')->result_array();
    }

    function getID($username,$email){
        $this->db->select('id_user');
        $this->db->where('username',$username);
        $this->db->where('email',$email);
        return $this->db->get('user')->row()->id_user;
    }

    function getIDEmail($email,$password){
        $this->db->select('id_user');
        $this->db->where('email',$email);
        $this->db->where('password',$password);
        return $this->db->get('user')->row()->id_user;
    }
}
```

```

class pelanggan_model extends CI_Model{

    function __construct (){
        parent::__construct();
    }

    function insertData($data){
        return $this->db->insert('pelanggan',$data);
    }

    function cekData($email){
        $this->db->where('email_pelanggan',$email);
        $query = $this->db->get('pelanggan');
        if($query->num_rows() > 0){
            return true;
        }
        else{
            return false;
        }
    }

    function getData($nama, $email){
        $this->db->where('nama_pelanggan',$nama);
        $this->db->where('email_pelanggan',$email);
        return $this->db->get('pelanggan')->result_array();
    }

    function getName($email,$idUser){
        $this->db->select('nama_pelanggan');
        $this->db->where('email_pelanggan',$email);
        $this->db->where('id_user',$idUser);
        return $this->db->get('pelanggan')->row()->nama_pelanggan;
    }
}

```

```

class konsultan_model extends CI_Model{

    function __construct (){
        parent::__construct();
    }

    function insertData($data){
        return $this->db->insert('konsultan',$data);
    }

    function cekData($email){
        $this->db->where('email_konsultan',$email);
        $query = $this->db->get('konsultan');
        if($query->num_rows() > 0){
            return true;
        }
        else{
            return false;
        }
    }

    function getData($nama, $email){
        $this->db->where('nama_konsultan',$nama);
        $this->db->where('email_konsultan',$email);
        return $this->db->get('konsultan')->result_array();
    }

    function getName($email,$idUser){
        $this->db->select('nama_konsultan');
        $this->db->where('email_konsultan',$email);
        $this->db->where('id_user',$idUser);
        return $this->db->get('konsultan')->row()->nama_konsultan;
    }
}

```

Output Database

+ Options

		id_user	username	password	email
<input type="checkbox"/>	Edit Copy Delete	12	heggiraihan	123	heggi.sya@gmail.com
<input type="checkbox"/>	Edit Copy Delete	14	hafidz123	123	hafidz123@gmail.com

+ Options

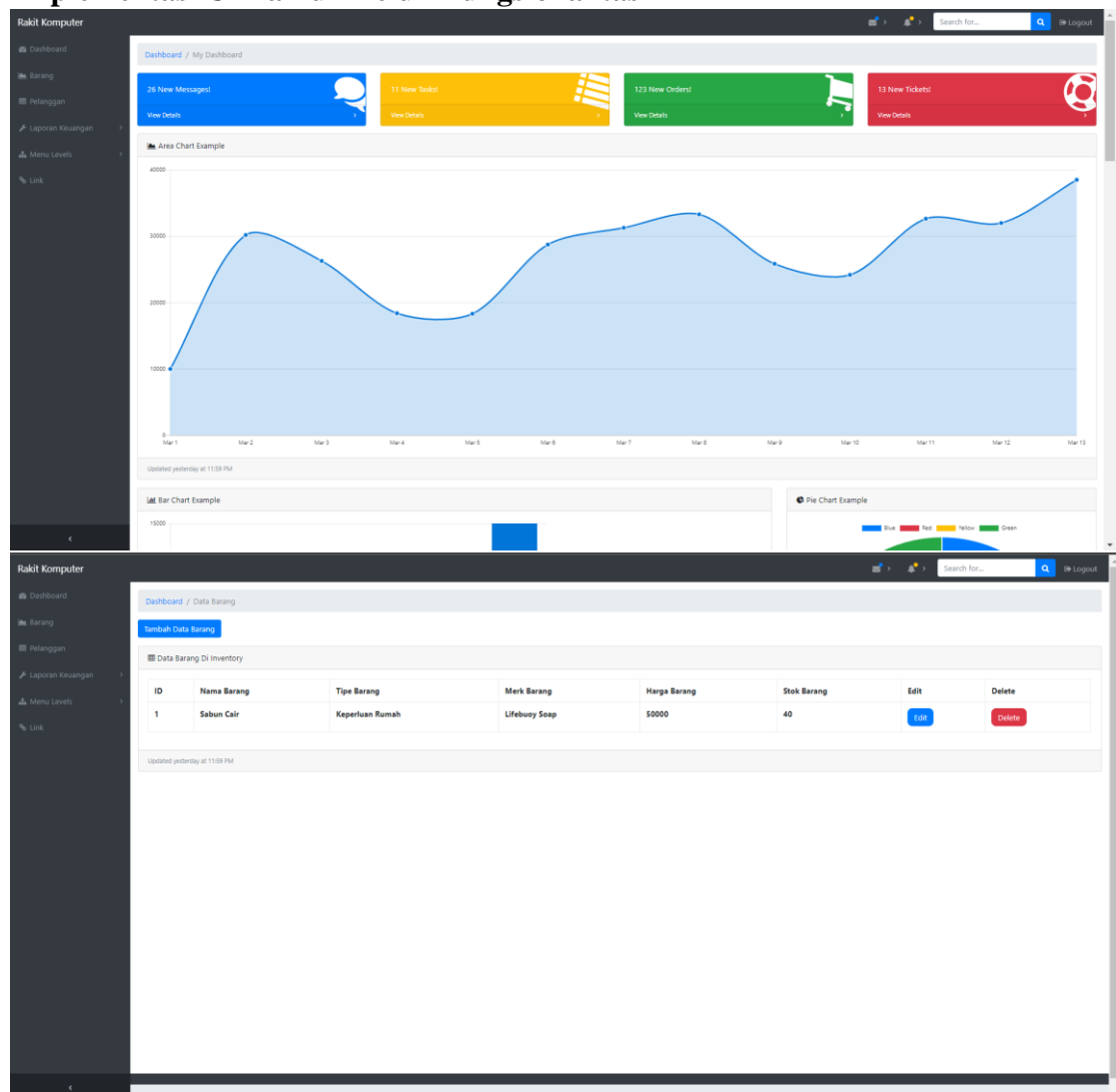
		id_pelanggan	nama_pelanggan	alamat_pelanggan	email_pelanggan	id_user
<input type="checkbox"/>	Edit Copy Delete	1	Hafidz Lazuardi	Banjar	hafidz123@gmail.com	14

Click the drop-down arrow to toggle column's visibility.

+ Options

		id_konsultan	nama_konsultan	alamat_konsultan	email_konsultan	id_user
<input type="checkbox"/>	Edit Copy Delete	1	Sya Raihan Heggi	Vila Bogor Indah 2 Blok DD2/No 1, Ciparigi, Bogor ...	heggi.sya@gmail.com	12

⇒ Implementasi UI namun Belum fungsionalitas



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MERK BARANG

Lifebury Soap

HARGA BARANG

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