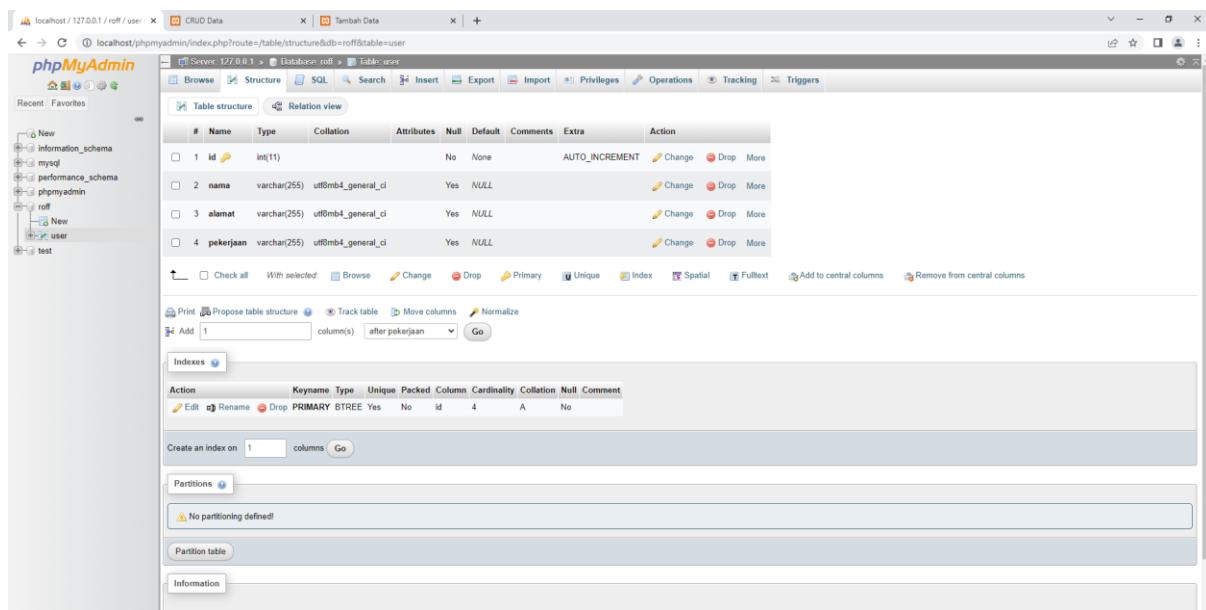


Nama : A. Rofiul Bahri

NIM: 112210003

Kelas: 5A

### 1. Buat Database di xampp



### 2. Ubah pengaturan database CI

```
70 | The $query_builder variables lets you determine whether or not to load
71 | the query builder class.
72 */
73 $active_group = 'default';
74 $query_builder = TRUE;
75
76 $db['default'] = array(
77     'dsn' => '',
78     'hostname' => 'localhost',
79     'username' => 'root',
80     'password' => '',
81     'database' => 'malik',
82     'dbdriver' => 'mysqli',
83     'dbprefix' => '',
84     'pconnect' => FALSE,
85     'db_debug' => (ENVIRONMENT !== 'production'),
86     'cache_on' => FALSE,
87     'cachedir' => '',
88     'char_set' => 'utf8',
89     'dbcollat' => 'utf8_general_ci',
90     'swap_pre' => '',
91     'encrypt' => FALSE,
92     'compress' => FALSE,
93     'stricton' => FALSE,
94     'failover' => array(),
95     'save_queries' => TRUE
96 );
97
```

### 3. Buat Controller dengan nama CRUD.php

```
Run Terminal Help crud.php - TUGAS_TERAKHIR - Visual Studio Code
... v_input.php crud.php X
application > controllers > crud.php
1 <?php
2 defined('BASEPATH') or exit('No direct script access allowed');
3
4 class Crud extends CI_Controller
5 {
6
7     function __construct()
8     {
9         parent::__construct();
10        $this->load->model('M_data');
11        $this->load->helper('url');
12        $this->load->library('form_validation'); // Memuat library form validation
13    }
14
15    // Menampilkan data
16    public function index()
17    {
18        $data['user'] = $this->M_data->tampil_data()->result();
19        $this->load->view('v_tampil', $data);
20    }
21
22    // Menampilkan form tambah data
23    public function tambah()
24    {
25        $this->load->view('v_input');
26    }
27    // $this->form_validation->set_rules('nama', 'Nama', 'required|min_length[3]');
28    // $this->form_validation->set_rules('alamat', 'Alamat', 'required|min_length[5]');
29    // $this->form_validation->set_rules('pekerjaan', 'Pekerjaan', 'required|min_length[3]');
30
31    // Menambahkan data ke database
32    public function tambah_aksi()
33    {
34        $this->form_validation->set_rules('nama', 'Nama', 'required');
35        $this->form_validation->set_rules('alamat', 'Alamat', 'required');
36        $this->form_validation->set_rules('pekerjaan', 'Pekerjaan', 'required');
37
38        if ($this->form_validation->run() == FALSE) {
39            $this->load->view('v_input');
40        } else {
41            $nama = $this->input->post('nama');
42            $alamat = $this->input->post('alamat');
43            $pekerjaan = $this->input->post('pekerjaan');
44
45            $data = array(
46                'nama' => $nama,
47                'alamat' => $alamat,
48                'pekerjaan' => $pekerjaan
49            );
50
51            $this->M_data->input_data($data); // Menambahkan data ke database
52            redirect('crud');
53        }
54    }
55
56    // Menampilkan form edit data
57    public function edit($id)
58    {
59        $where = array('id' => $id);
60        $data['user'] = $this->M_data->edit_data($where)->row(); // Mengambil data untuk diedit
61        $this->load->view('v_edit', $data); // Memanggil view form edit
62    }
63
64    // Memperbarui data
65    public function update()
66    {
67        $id = $this->input->post('id');
68        $nama = $this->input->post('nama');
69        $alamat = $this->input->post('alamat');
70        $pekerjaan = $this->input->post('pekerjaan');
71
72        $data = array(
73            'nama' => $nama,
74            'alamat' => $alamat,
75            'pekerjaan' => $pekerjaan
76        );
77
78        $where = array('id' => $id);
79        $this->M_data->update_data($where, $data); // Memperbarui data di database
80        redirect('crud'); // Redirect setelah update data
81    }
82
83    // Menghapus data
84    public function hapus($id)
85    {
86        $where = array('id' => $id);
87        $this->M_data->hapus_data($where); // Menghapus data dari database
88        redirect('crud'); // Redirect setelah data dihapus
89    }
90 }
91
```

#### 4. Buat Model

```
m_data.php - TUGAS_TERAKHIR - Visual Studio Code
v_input.php m_data.php x
application > models > m_data.php
1 <?php
2 defined('BASEPATH') or exit('No direct script access allowed');
3
4 class M_data extends CI_Model
5 {
6
7     // Menampilkan data
8     public function tampil_data()
9     {
10         return $this->db->get('user'); // Mengambil semua data dari tabel 'user'
11     }
12
13     // Menambahkan data
14     public function input_data($data)
15     {
16         $this->db->insert('user', $data); // Menambahkan data ke tabel 'user'
17     }
18
19     // Mengedit data
20     public function edit_data($where)
21     {
22         return $this->db->get_where('user', $where); // Mengambil data berdasarkan kondisi
23     }
24
25     // Memperbarui data
26     public function update_data($where, $data)
27     {
28         $this->db->where($where);
29         $this->db->update('user', $data); // Memperbarui data di tabel 'user'
30     }
31
32     // Menghapus data
33     public function hapus_data($where)
34     {
35         $this->db->where($where);
36         $this->db->delete('user'); // Menghapus data dari tabel 'user'
37     }
38 }
39
```

```
v_tampil.php - TUGAS_TERAKHIR - Visual Studio Code
v_input.php v_tampil.php x
application > views > v_tampil.php
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=1.0">
7     <title>CRUD Data</title>
8 </head>
9
10 <body>
11     <center>
12         <h1>MEMBUAT CRUD DENGAN CODEIGNITER</h1>
13     </center>
14
15     <center>
16         <h3><a href="php echo site_url('crud/tambah'); ?">Tambah Data</a></h3>
17     </center>
18     <table border="1" style="margin: 20px auto;">
19         <tr>
20             <th>No</th>
21             <th>Nama</th>
22             <th>Alamat</th>
23             <th>Pekerjaan</th>
24             <th>Action</th>
25         </tr>
26         <?php $no = 1;
27         foreach ($user as $u) { ?>
28             <tr>
29                 <td><?php echo $no++; ?></td>
30                 <td><?php echo $u->nama; ?></td>
31                 <td><?php echo $u->alamat; ?></td>
32                 <td><?php echo $u->pekerjaan; ?></td>
33                 <td>
34                     <!-- Edit Link -->
35                     <a href="php echo site_url('crud/edit/' . $u-&gt;id); ?">Edit</a> |
36                     <a href="php echo site_url('crud/hapus/' . $u-&gt;id); ?">Hapus</a>
37                 </td>
38             </tr>
39         </tr>
40     </table>
41     <?php ?>
42 </body>
43 </html>
```

## 5. Buat View

a) v\_tampil.php

b) v\_input.php

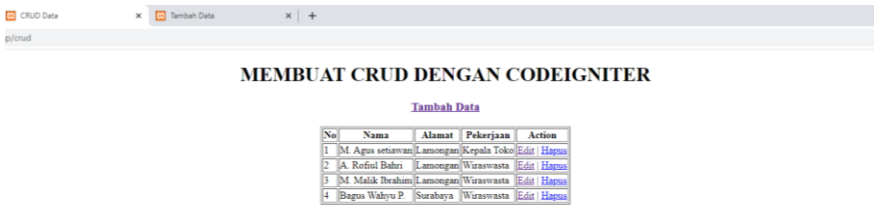
```
Terminal Help v_input.php - TUGAS_TERAKHIR - Visual Studio Code
v_input.php x v_tampil.php
application > views > v_input.php
4 <head>
5 <meta charset="UTF-8">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <title>Tambah Data</title>
8 </head>
9
10 <body>
11 <center>
12 <h1>MEMBUAT CRUD DENGAN CODEIGNITER</h1>
13 <h3>Menambahkan Data Baru</h3>
14 </center>
15
16 <form action="{php echo site_url('crud/tambah_aksi'); ?}" method="post">
17 <table style="margin: 20px auto;">
18 <tr>
19 <td>Nama</td>
20 <td><input type="text" name="nama" size="100" required></td>
21 </tr>
22 <tr>
23 <td>Alamat</td>
24 <td><input type="text" name="alamat" size="100" required></td>
25 </tr>
26 <tr>
27 <td>Pekerjaan</td>
28 <td><input type="text" name="pekerjaan" size="100" required></td>
29 </tr>
30 <tr>
31 <td></td>
32 <td><input type="submit" value="tambah"></td>
33 </tr>
34 </table>
35 </form>
36 </body>
37
38 </html>
```

c) v\_edit.php

```
un Terminal Help v_edit.php - TUGAS_TERAKHIR - Visual Studio Code
v_input.php x v_edit.php
application > views > v_edit.php
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=1.0">
7 <title>Edit Data</title>
8 </head>
9
10 <body>
11 <h1>Edit Data Pengguna</h1>
12 <form action="{php echo site_url('crud/update'); ?}" method="post">
13 <input type="hidden" name="id" value="{php echo $user->id; ?}">
14
15 <label for="nama">Nama:</label>
16 <input type="text" name="nama" id="nama" value="{php echo $user->nama; ?}" required<br><br>
17
18 <label for="alamat">Alamat:</label>
19 <input type="text" name="alamat" id="alamat" value="{php echo $user->alamat; ?}" required<br><br>
20
21 <label for="pekerjaan">Pekerjaan:</label>
22 <input type="text" name="pekerjaan" id="pekerjaan" value="{php echo $user->pekerjaan; ?}" required<br><br>
23
24 <input type="submit" value="Update">
25 </form>
26 </body>
27
28 </html>
```

Tampilan Halaman

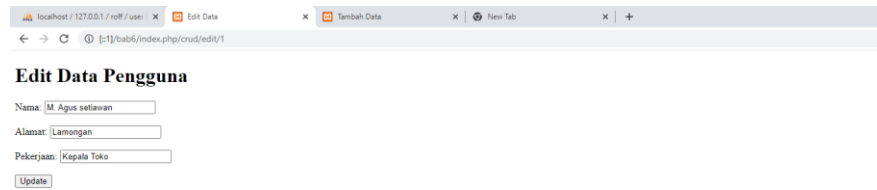
a) v\_tampil.php



b) v\_input.php



c) v\_edit.php



localhost / 127.0.0.1 / user Edit Data

← → ↻ [1] /bab5/index.php/crud/edit/1

### Edit Data Pengguna

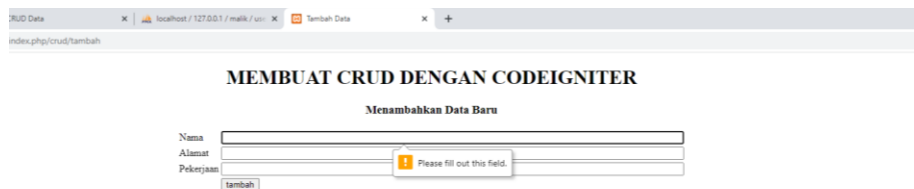
Nama:

Alamat:

Pekerjaan:

## Tugas

Menambahkan validasi form untuk tambah data



CRUD Data localhost / 127.0.0.1 / malik / user Tambah Data

index.php/crud/tambah

### MEMBUAT CRUD DENGAN CODEIGNITER

#### Menambahkan Data Baru

Nama:

Alamat:

Pekerjaan:

Please fill out this field.



Ketika nama, alamat atau pekerjaan tidak diisi maka akan muncul tulisan peringatan “please fill out this field”