

Tugas I

Disusun untuk memenuhi tugas Workshop Pemrograman

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FAKULTAS ILMU KOMPUTER

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1. Database

Server: 127.0.0.1 » Basis data: db_mhs » Tabel: t_mhs

Jelajahi Struktur SQL Cari Tambahkan Ekspor Impor Hak Akses Operasi

Struktur tabel Tampilan hubungan

| # | Nama | Jenis | Penyortiran | Atribut | Tak Ternilai | Bawaan | Komentar | Ekstra | Tindakan |
|---|--------|-------------|-------------------|---------|--------------|-----------|----------|--------|--------------------|
| 1 | npm | varchar(10) | latin1_swedish_ci | | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| 2 | nama | varchar(30) | latin1_swedish_ci | | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| 3 | alamat | varchar(50) | latin1_swedish_ci | | Tidak | Tidak ada | | | Ubah Hapus Lainnya |
| 4 | umur | int(30) | | | Tidak | Tidak ada | | | Ubah Hapus Lainnya |

2. Controller

```
1 <?php defined('BASEPATH') OR exit('No direct script access allowed');
2 class Mahasiswa extends CI_Controller{
3     public function __construct()
4     {
5         parent::__construct();
6         $this->load->model('m_mahasiswa');
7     }
8
9     public function index()
10    {
11        $data['mahasiswa'] = $this->db->count_all('t_mhs');
12        $data['dashboard'] = 'view_dashboard';
13        $this->load->view('template_back', $data);
14    }
15
16    // Read
17    public function view()
18    {
19        $data['mahasiswa'] = $this->m_mahasiswa->view();
20        $data['dashboard'] = 'view';
21        $this->load->view('template_back', $data);
22    }
23
24    // Create
25    public function tambah()
26    {
27        $data['dashboard'] = 'tambah';
28        $this->load->view('template_back', $data);
29    }
30
31    // Proses Create
32    public function proses_tambah()
33    {
34        $data['mahasiswa'] = $this->m_mahasiswa->proses_tambah();
35        echo "<script>alert('Data <strong>Berhasil</strong>')</script>";
36        redirect('mahasiswa/view');
37    }
38
39    // Get Data By ID
40    public function edit($id)
41    {
42        $data['mahasiswa'] = $this->m_mahasiswa->edit($id);
43        $data['dashboard'] = 'edit';
44        $this->load->view('template_back', $data);
45    }
46
47    // Proses Update
48    public function proses_edit($id)
49    {
50        $this->m_mahasiswa->proses_edit($id);
51        echo "<script>alert('Data <strong>Berhasil</strong>')</script>";
52        redirect('mahasiswa/view');
53    }
54
55    // Delete
56    public function hapus($id)
57    {
58        $this->m_mahasiswa->hapus($id);
59        echo "<script>alert('Data <strong>Berhasil</strong>')</script>";
60        redirect('mahasiswa/view');
61    }
62 }
```

3. Model

```
1 <?php defined('BASEPATH') OR exit('No direct script access allowed');
2 class Mahasiswa extends CI_Model{
3     public function __construct()
4     {
5         parent::__construct();
6     }
7
8     // Read
9     public function view()
10    {
11        return $this->db->query("SELECT * FROM t_mhs")->result();
12    }
13
14    // Create
15    public function proses_tambah()
16    {
17        $data=array(
18            "npm"=>$this->input->post('npm'),
19            "nama"=>$this->input->post('nama'),
20            "alamat"=>$this->input->post('alamat'),
21            "umur"=>$this->input->post('umur'),
22        );
23        $this->db->insert("t_mhs", $data);
24    }
25
26    // Update
27    public function edit($id)
28    {
29        $this->db->where('npm', $id);
30        return $this->db->get("t_mhs")->row();
31    }
32
33    public function proses_edit($id)
34    {
35        $data=array(
36            "npm"=>$this->input->post('npm'),
37            "nama"=>$this->input->post('nama'),
38            "alamat"=>$this->input->post('alamat'),
39            "umur"=>$this->input->post('umur'),
40        );
41
42        $this->db->where('npm', $id);
43        return $this->db->update("t_mhs", $data);
44    }
45
46    // Delete
47    public function hapus($id)
48    {
49        $this->db->where('npm', $id);
50        return $this->db->delete("t_mhs");
51    }
52 }
```

4. View

4.1. Tambah

```
1 <!-- Bread crumb -->
2 <div class="row page-titles">
3   <div class="col-md-5 align-self-center">
4     <h3 class="text-primary">Tambah Mahasiswa</h3> </div>
5   <div class="col-md-7 align-self-center">
6     <ol class="breadcrumb">
7       <li class="breadcrumb-item"><a
8         href="{<php echo base_url()>index.php/mahasiswa/">index.php/mahasiswa/</a></li>
9       <li class="breadcrumb-item active">Tambah Mahasiswa</li>
10     </ol>
11   </div>
12 </div>
13 <!-- End Bread crumb -->
14 <!-- Container fluid -->
15 <div class="container-fluid">
16   <!-- Start Page Content -->
17   <div class="row">
18     <div class="col-lg-12">
19       <div class="card card-outline-info">
20         <div class="card-body">
21           <form action="{<php echo base_url()>index.php/mahasiswa/proses_tambah" method="post" enctype="multipart/form-data">
22             <div class="form-body">
23               <h4 class="card-title">Form Input Mahasiswa</h4>
24               <hr>
25               <div class="row p-t-20">
26                 <div class="col-md-12">
27                   <div class="form-group has-success">
28                     <label class="control-label">NPM</label>
29                     <input type="text" required class="form-control input default" name="npm">
30                   </div>
31                 </div>
32                 <div class="col-md-12">
33                   <div class="form-group has-success">
34                     <label class="control-label">Nama</label>
35                     <input type="text" id="firstName" required class="form-control input default" name="nama">
36                   </div>
37                 </div>
38                 <div class="col-md-12">
39                   <div class="form-group has-success">
40                     <label class="control-label">Alamat</label>
41                     <input type="text" required class="form-control input default" name="alamat">
42                   </div>
43                 </div>
44                 <div class="col-md-12">
45                   <div class="form-group has-success">
46                     <label class="control-label">Umur</label>
47                     <input type="number" required class="form-control input default" name="umur" min="1">
48                   </div>
49                 </div>
50               </div>
51               <div class="form-actions">
52                 <button type="submit" class="btn btn-success">
53                   <i class="fa fa-check"></i> Simpan</button>
54                 <a href="{<php echo base_url()>index.php/mahasiswa/view">index.php/mahasiswa/view">
55                   <button type="button" class="btn btn-inverse">Batal</button></a>
56               </div>
57             </div>
58           </form>
59         </div>
60       </div>
61     </div>
62   </div>
63 </div>
64 <!-- Row -->
65 </div>
```

Hasilnya

4.2. Edit

```

1 <!-- Bread crumb -->
2 <div class="row page-titles">
3 <div class="col-md-5 align-self-center">
4 <h3 class="text-primary">Edit Mahasiswa</h3> </div>
5 <div class="col-md-7 align-self-center">
6 <ol class="breadcrumb">
7 <li class="breadcrumb-item"><a
8 href="javascript:void(0)">Kelola Mahasiswa</a></li>
9 <li class="breadcrumb-item active">Edit Mahasiswa</li>
10 </ol>
11 </div>
12 </div>
13 <!-- End Bread crumb -->
14 <!-- Container fluid -->
15 <div class="container-fluid">
16 <!-- Start Page Content -->
17 <div class="row">
18 <div class="col-lg-12">
19 <div class="card card-outline-info">
20 <div class="card-body">
21 <form action="{?php echo base_url()>index.php/Mahasiswa/proses_edit/{?php echo $this->uri->segment(3)}?>" method="post" enctype="multipart/form-data">
22 <div class="form-body">
23 <div class="card-title m-t-15">Form Edit Mahasiswa</div>
24 <hr>
25 <div class="row p-t-20">
26 <div class="col-md-12">
27 <div class="form-group has-success">
28 <label class="control-label">NPM</label>
29 <input type="text" required class="form-control inputdefault" name="npm" value="{?php echo $mahasiswa->npm ?>">
30 </div>
31 </div>
32 </div>
33 <div class="row p-t-20">
34 <div class="col-md-12">
35 <div class="form-group has-success">
36 <label class="control-label">Nama</label>
37 <input type="text" required class="form-control inputdefault" name="nama" value="{?php echo $mahasiswa->nama ?>">
38 </div>
39 </div>
40 </div>
41 <div class="row p-t-20">
42 <div class="col-md-12">
43 <div class="form-group has-success">
44 <label class="control-label">Alamat</label>
45 <input type="text" required class="form-control inputdefault" name="alamat" value="{?php echo $mahasiswa->alamat ?>">
46 </div>
47 </div>
48 </div>
49 <div class="row p-t-20">
50 <div class="col-md-12">
51 <div class="form-group has-success">
52 <label class="control-label">Umur</label>
53 <input type="text" required class="form-control inputdefault" name="umur" value="{?php echo $mahasiswa->umur ?>">
54 </div>
55 </div>
56 </div>
57 </div>
58 <div class="form-actions">
59 <div class="form-group">
60 <button type="submit" class="btn btn-success"><i class="fa fa-check"></i> Update</button>
61 <a href="{?php echo base_url()>index.php/Mahasiswa/view">
62 <button type="button" class="btn btn-inverse"> Batal</button></a>
63 </div>
64 </div>
65 </div>
66 </div>
67 </div>
68 </div>
69 <!-- Row -->
70 </div>
71 <!-- End Container fluid -->

```

Hasilnya

The screenshot displays the 'Edit Mahasiswa' page in a web application. The header includes a 'HOME' link and a 'Kelola Mahasiswa' breadcrumb. The main content area is titled 'Form Edit Mahasiswa' and contains four input fields: 'NPM' with the value 'D1A170062', 'Nama' with 'Ahmad Supriadi', 'Alamat' with 'Bandung', and 'Umur' with '24'. At the bottom of the form are two buttons: a green 'Update' button and a grey 'Batal' button.

4.3. Hapus

```

50 // Delete
51 public function hapus($id)
52 {
53     $this->m_mahasiswa->hapus($id);
54     echo "<script>alert('Data Berhasil Dihapus')</script>";
55     redirect('mahasiswa/view');
56 }
57 }
58 }

```

Hasilnya

Admin

localhost menyatakan
Apakah data ini ingin dihapus?

Oke

Batal

HOME

Beranda

Kelola Mahasiswa

Kelola Mahasiswa > View Mahasiswa

Data Mahasiswa

Tambah Mahasiswa

Copy

CSV

Excel

PDF

Print

Search:

| No | NPM | Nama | Alamat | Umur | |
|----|-----------|----------------|------------|------|--|
| 1 | D1A170062 | Ahmad Supriadi | Bandung | 24 | Edit Hapus |
| 2 | D1A170063 | Agung Hidayat | Cipunagara | 19 | Edit Hapus |
| No | NPM | Nama | Alamat | Umur | |

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