APLIKASI

ENTERPRISE SMK N 1 BATANG

(Modul TU - Management Siswa)



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Kelas: 4P52

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TUGAS 7

Membuat insert, hapus dan validasi

1. membuat function insert dan delete

Pada App>controller> siswa buat function insert dan delete

```
<?php
namespace App\Controllers;
use CodeIgniter\Controller;
use App\Models\siswa_model;
class siswa extends BaseController
    public function index()
        $model = new siswa_model();
        $data['siswa'] = $model->getSiswa();
        echo view('siswa/index', $data);
    public function create()
        return view('siswa/create');
    public function store()
    {
        $validation = \Config\Services::validation();
        $data = array(
            'nis'
                    => $this->request->getPost('nis'),
            'nama_siswa' => $this->request->getPost('nama_siswa'),
            'tempat_lahir' => $this->request->getPost('tempat_lahir'),
            'tgl_lahir' => $this->request->getPost('tgl_lahir'),
            'jenis kelamin' => $this->request->getPost('jenis kelamin'),
            'agama' => $this->request->getPost('agama'),
                      => $this->request->getPost('alamat'),
            'alamat'
            'jurusan' => $this->request->getPost('jurusan'),
            'no_hp' => $this->request->getPost('no_hp'),
            'id_kelas' => $this->request->getPost('id_kelas')
        );
        if($validation->run($data, 'siswa') == FALSE){
```

```
session()->setFlashdata('inputs', $this->request->getPost());
           session()->setFlashdata('errors', $validation->getErrors());
           return redirect()->to(base url('siswa/create'));
        } else {
           $model = new siswa model();
           $simpan = $model->insertSiswa($data);
           if($simpan)
                session()->setFlashdata('success', 'Created data siswa
successfully');
               return redirect()->to(base_url('siswa'));
    public function edit($data){
       $model = new siswa model();
       $data['siswa'] = $model->updateSiswa($data)->getRowArray();
       echo view('siswa/edit', $data);
   public function update(){
       $id = $this->request->getPost('nis');
       $validation = \Config\Services::validation();
       // // get file
       // $image = $this->request->getFile('product image');
       // // random name file
       // $name = $image->getRandomName();
       $data = array(
                  => $this->request->getPost('nis'),
            'nama siswa' => $this->request->getPost('nama siswa'),
            'tempat lahir' => $this->request->getPost('tempat_lahir'),
            'tgl_lahir' => $this->request->getPost('tgl_lahir'),
            'jenis_kelamin' => $this->request->getPost('jenis_kelamin'),
            'agama' => $this->request->getPost('agama'),
                     => $this->request->getPost('alamat'),
            'alamat'
            'jurusan' => $this->request->getPost('jurusan'),
            'no hp' => $this->request->getPost('no hp'),
            'id kelas' => $this->request->getPost('id kelas')
        );
        if($validation->run($data, 'siswa') == FALSE){
           session()->setFlashdata('inputs', $this->request->getPost());
           session()->setFlashdata('errors', $validation->getErrors());
           return redirect()->to(base_url('siswa/edit'.$id));
       }else {
           // //upload
           // $image->move(ROOTPATH. 'public/uploads', $name);
```

```
// //update
            $ubah = $this->siswa model->updateSiswa($data,$id);
            if($ubah)
                session()->setFlashdata('success', 'Update siswa
successfully');
                return redirect()->to(base_url('siswa'));
            }
    }
    public function delete($id){
        $model = new siswa_model();
        // $hapus = $this->siswa_model->deleteSiswa($id);
        $hapus = $model->deleteSiswa($id);
            if($hapus)
                session()->setFlashdata('warning', 'Delete siswa
successfully');
                return redirect()->to(base_url('siswa'));
```

2. lalu pada APP>models>siswa_model juga buat public function insert dan delete

```
public function updateSiswa($data)
{
    return $this->db->table($this->table)->update($data);
}
public function deleteSiswa($id)
{
    return $this->db->table($this->table)->delete(['nis' => $id]);
}
```

3. pada App>views>siswa>create tambahkan source code berikut

```
<?php echo view('partials/header') ?> <?php echo view('partials/sidebar') ?>
<div class="page-wrapper">
   <div class="content container-fluid">
       <div class="page-header">
          <div class="row align-items-center">
              <div class="col-sm-12">
                  <div class="page-sub-header">
                     <h3 class="page-title">Tambah Siswa</h3>
                     <a</pre>
href="students.html">Siswa</a>
                         Tambah
Siswa
                     </div>
              </div>
          </div>
       </div>
       <div class="row">
          <div class="col-sm-12">
              <div class="card comman-shadow">
                  <div class="card-body">
                     <form action="<?php echo base_url('siswa/store'); ?>"
method="post">
                     <div class="card">
                         <div class="card-body">
                         <?php
                            // if (!empty($inputs)){
                            // $inputs = session()-
>getFlashdata('inputs');
                            $errors = session()->getFlashdata('errors');
                            if (!empty($errors)) { ?>
```

```
<div class="alert alert-danger"</pre>
role="alert">
                                         Whoops! Ada kesalahan saat input data,
yaitu:
                                         <l
                                              <?php foreach ($errors as $error)</pre>
                                                  <!= esc($error) ?>
                                              <?php endforeach ?>
                                          </div>
                                 <?php } ?>
                             <div class="row">
                                 <div class="col-12">
                                     <h5 class="form-title student-
info">Informasi Siswa <span><a href="javascript:;"><i class="feather-more-
vertical"></i></a></span></h5>
                                 </div>
                                 <div class="col-12 col-sm-4">
                                     <div class="form-group local-forms">
                                          <label>NIS <span class="login-</pre>
danger">*</span></label>
                                         <input class="form-control"</pre>
type="text" placeholder="Isikan NIS" name="nis" value="<?php //echo</pre>
$inputs['nis']; }?>">
                                     </div>
                                 </div>
                                 <div class="col-12 col-sm-4">
                                     <div class="form-group local-forms">
                                          <label>Nama Siswa <span class="login-</pre>
danger">*</span></label>
                                          <input class="form-control"</pre>
type="text" placeholder="Isikan Nama" name="nama_siswa" value="<?php //echo
$inputs['nama_siswa']; }?>">
                                     </div>
                                 </div>
                                 <div class="col-12 col-sm-4">
                                     <div class="form-group local-forms">
                                          <label>Jurusan <span class="login-</pre>
danger">*</span></label>
                                         <input class="form-control"</pre>
type="text" placeholder="Isikan Jurusan" name="jurusan" value="<?php //echo</pre>
$inputs['jurusan']; }?>">
                                     </div>
                                 </div>
                                 <div class="col-12 col-sm-4">
                                     <div class="form-group local-forms">
```

```
<label>Jenis Kelamin <span</pre>
class="login-danger">*</span></label>
                                          <select name="jenis kelamin"</pre>
class="form-control select">
                                          <option value="">Pilih Jenis
Kelamin</option>
                                          <option <?php //echo</pre>
$inputs['jenis_kelamin'] == "Laki-Laki" ? "selected" : "";
                                                   ?> value="Laki-Laki">Laki-
Laki</option>
                                          <option <?php //echo</pre>
$inputs['jenis kelamin'] == "Perempuan" ? "selected" : "";
value="Perempuan">Perempuan</option>
                                          </select>
                                      </div>
                                  </div>
                                  <div class="col-12 col-sm-4">
                                      <div class="form-group local-forms">
                                          <label>Tempat Lahir </label>
                                          <input class="form-control"</pre>
type="text" placeholder="Isikan Tempat Lahir"
name="tempat lahir" value="<?php //echo $inputs['tempat lahir']; }?>">
                                      </div>
                                  </div>
                                  <div class="col-12 col-sm-4">
                                      <div class="form-group local-forms</pre>
calendar-icon">
                                          <label>Tanggal Lahir <span</pre>
class="login-danger">*</span></label>
                                          <input class="form-control</pre>
datetimepicker" type="date" placeholder="DD-MM-YYYY"
name="tgl_lahir" value="<?php //echo $inputs['tgl_lahir']; }?>">
                                      </div>
                                  </div>
                                  <div class="col-12 col-sm-4">
                                      <div class="form-group local-forms">
                                          <label>Agama <span class="login-</pre>
danger">*</span></label>
                                          <select name="agama" class="form-</pre>
control select">
                                          <option value="">Pilih Agama</option>
                                          <option <?php //echo $inputs['agama']</pre>
== "Islam" ? "selected" : "";
value="Islam">Islam</option>
                                          <option <?php //echo $inputs['agama']</pre>
== "Kristen" ? "selected" : "";
```

```
value="Kristen">Kristen</option>
                                          <option <?php //echo $inputs['agama']</pre>
== "Hindu" ? "selected" : "";
value="Hindu">Hindu</option>
                                           <option <?php //echo $inputs['agama']</pre>
== "Budha" ? "selected" : "";
value="Budha">Budha</option>
                                          <option <?php //echo $inputs['agama']</pre>
== "Konghucu" ? "selected" : "";
value="Konghucu">Konghucu</option>
                                          <option <?php //echo $inputs['agama']</pre>
== "Lainya" ? "selected" : "";
value="Lainya">Lainya</option>
                                          </select>
                                      </div>
                                  </div>
                                  <div class="col-12 col-sm-4">
                                      <div class="form-group local-forms">
                                          <label>Kelas <span class="login-</pre>
danger">*</span></label>
                                          <select name="id_kelas" class="form-</pre>
control select">
                                          <option value="">Silahkan Pilih
Kelas</option>
                                          <option <?php //echo</pre>
$inputs['id kelas'] == "1" ? "selected" : "";
                                                   ?> value="1">1</option>
                                          <option <?php //echo</pre>
$inputs['id_kelas'] == "2" ? "selected" : "";
                                                   ?> value="2">2</option>
                                          <option <?php //echo</pre>
$inputs['id_kelas'] == "3" ? "selected" : "";
                                                   ?> value="3">3</option>
                                           </select>
                                      </div>
                                  </div>
                                  <div class="col-12 col-sm-4">
                                      <div class="form-group local-forms">
                                          <label>No HP <span class="login-</pre>
danger">*</span></label>
                                          <input class="form-control"</pre>
type="text" placeholder="Isikan Nomor HP" name="no_hp" value="<?php //echo</pre>
$inputs['no hp']: }?>">
```

```
</div>
                                 </div>
                                 <div class="col-12 col-lg-8">
                                     <div class="form-group local-forms">
                                          <label>Alamat <span class="login-</pre>
danger">*</span></label>
                                         <textarea name="alamat" cols="39"
rows="5" value="<?php //echo $inputs['alamat']; }?>"></textarea>
                                     </div>
                                 </div>
                                 <div class="col-12">
                                     <div class="student-submit">
                                          <button type="submit" class="btn btn-</pre>
primary">Submit</button>
                                     </div>
                                 </div>
                             </div>
                             </div>
                             </div>
                         </form>
                     </div>
                </div>
            </div>
        </div>
    </div>
 </div>
```

4. membuat validasi

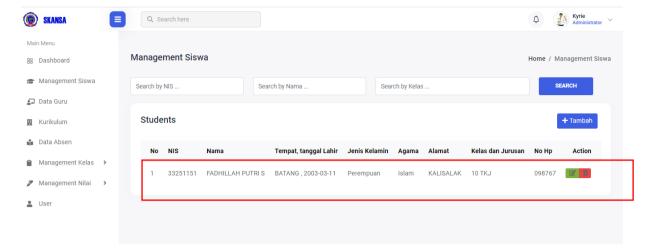
Pada App>config> validation.php tambahkan source code berikut

```
* rules that are available.
 * @var string[]
public array $ruleSets = [
   Rules::class,
   FormatRules::class,
   FileRules::class,
   CreditCardRules::class,
];
* Specifies the views that are used to display the
* errors.
* @var array<string, string>
public array $templates = [
    'list' => 'CodeIgniter\Validation\Views\list',
    'single' => 'CodeIgniter\Validation\Views\single',
];
public $siswa = [
   'nis' => 'required',
'nama_siswa' => 'required',
    'tempat_lahir' => 'required',
    'jurusan' => 'required',
    'tgl_lahir' => 'required',
    'jenis_kelamin' => 'required',
    'agama' => 'required',
    'alamat' => 'required',
'no_hp' => 'required',
    'id_kelas' => 'required'
];
public $siswa_errors = [
    'nis' => [
       'required' => 'NIS wajib diisi.',
    ],
    'nama_siswa' => [
       'required' => 'Nama wajib diisi.',
    ],
    'tempat_lahir' => [
       'required' => 'Tempat Lahir wajib diisi.',
```

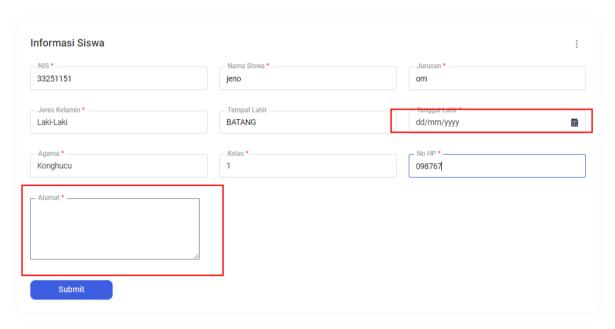
```
],
   'jurusan' => [
     'required' => 'jurusan wajib diisi.',
   'tgl_lahir' => [
      'required' => 'tanggal lahir wajib diisi.',
   ],
   'jenis_kelamin' => [
      'required' => 'jenis Kelamin wajib diisi.',
   ],
   'agama'
            => [
     'required' => 'agama wajib diisi.',
   ],
   'alamat' => [
      'required' => 'alamat wajib diisi.',
   ],
   'no_hp' => [
      'required' => 'no_hp wajib diisi.',
   'id_kelas' => [
      'required' => 'Kelas wajib diisi.'
   ],
];
```

HASIL TAMPILAN

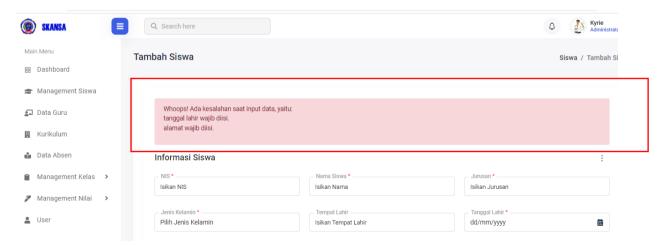
(SKANSA		Q Search here			
Mair	n Menu		Tambah Siswa			Siswa / Tambah Siswa
88	Dashboard					
	Management Siswa					
2	Data Guru		Informasi Siswa			:
III.	Kurikulum		NIS * 33251151	Nama Siswa * FADHILLAH PUTRI S	Jurusan * TKJ	
ů	Data Absen		Jenis Kelamin *	Tempat Lahir —	Tanggal Lahir *	
Ê	Management Kelas	>	Perempuan	BATANG	11/03/2003	=
30	Management Nilai	>	Agama *Islam	Kelas *	No HP * 098767	
•	User					
			- Alamat * KALISALAK			
			Submit			



Jika ada salah satu data yang belum di isi maka akan di validasi dan akan memunculkan pesan error



Pesan salah



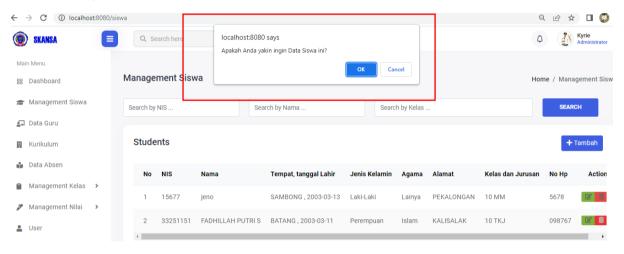
Menghapus data

Data awal:



Akan menghapus ada no. 2 dengan klik icon hapus

Akan muncul pesan validasi



Klik OK setelah itu data akan terhapus

