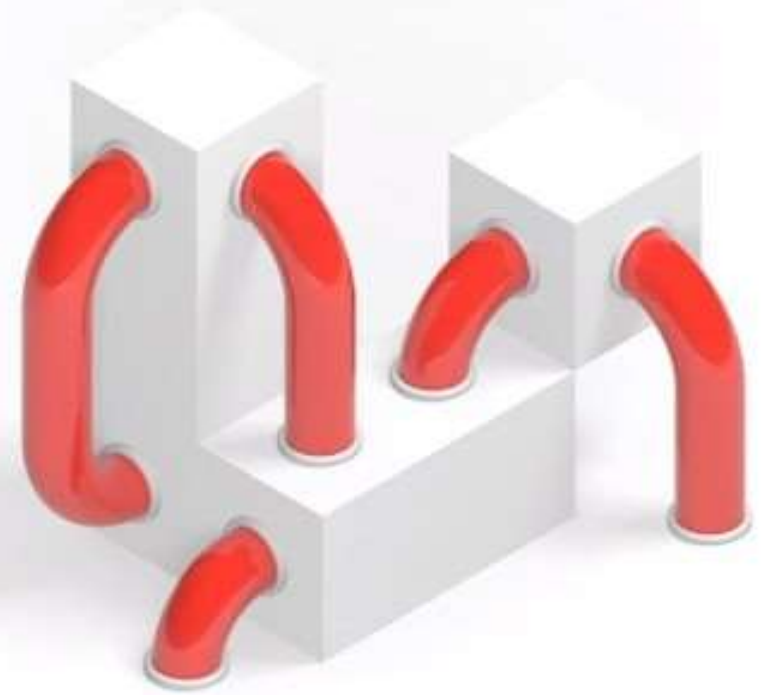
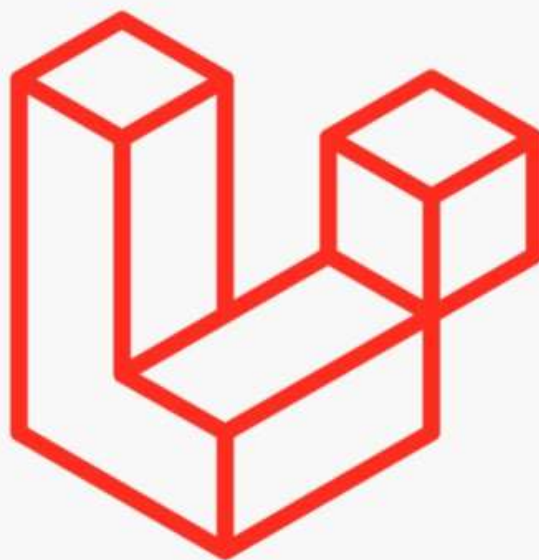


Implementasi Joint Data Table pada Sistem Informasi Akademik

Pemrograman Web – Pertemuan 10



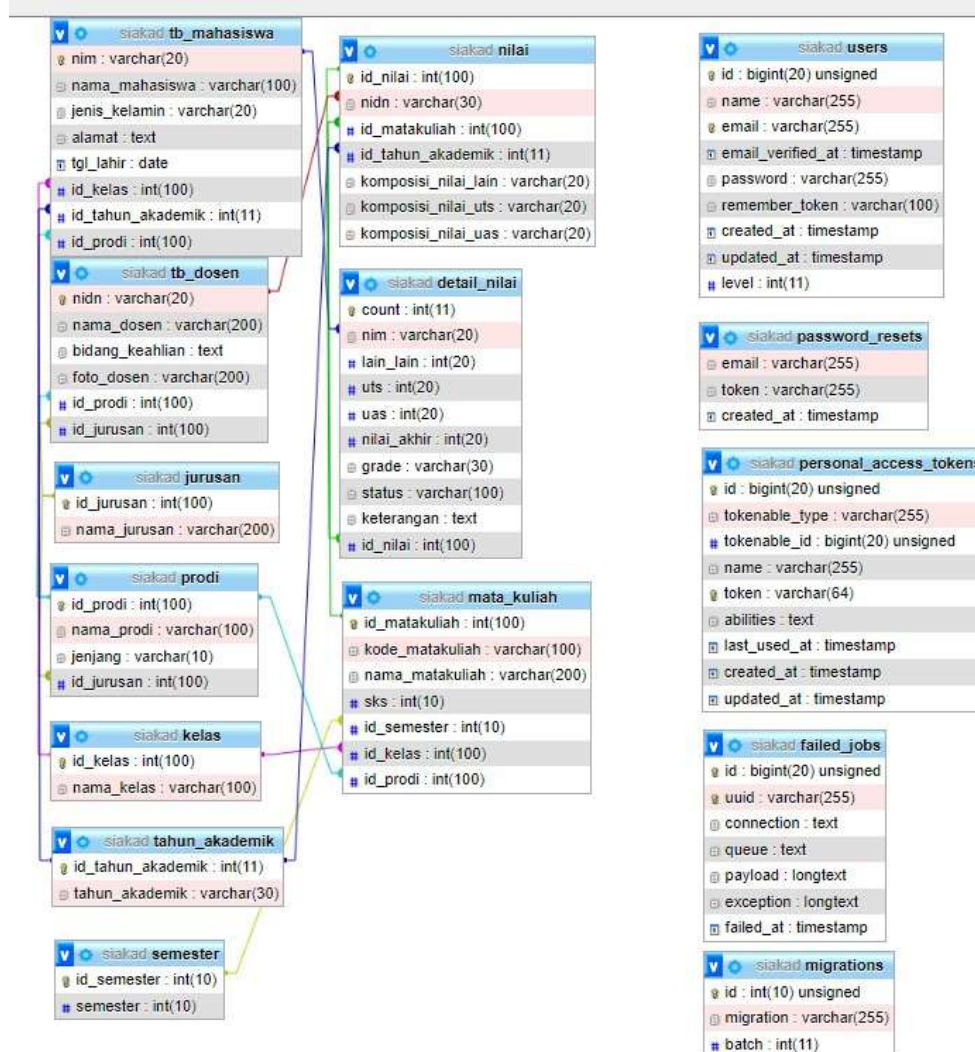
Sari Azhariyah, S.Pd., M.Pd.T.
Usep Abdul Rosid, S.T., M.Kom



Laravel

Database dan Relasi Antar Table

- Tampilan Output Database :



Tabel Dosen fk (Program Studi – Jurusan)

Server: 127.0.0.1 • Database: sakad • Table: tb_dosen

Browse Structure SQL Search Insert Export

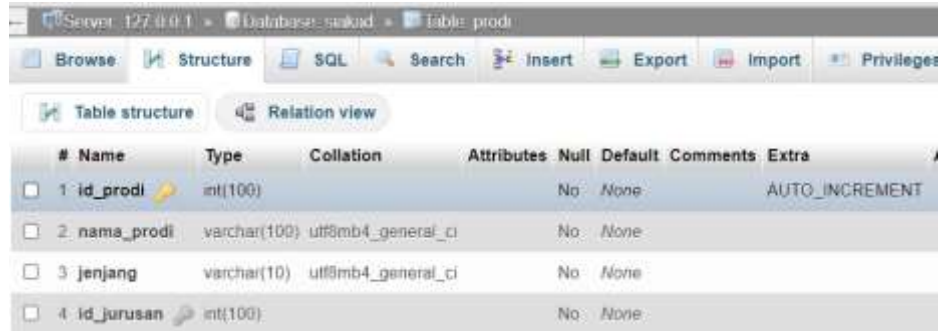
Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Co
<input type="checkbox"/>	1 nidn	varchar(20)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	2 nama_dosen	varchar(200)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	3 bidang_keahlian	text	utf8mb4_general_ci		Yes	NULL	
<input type="checkbox"/>	4 foto_dosen	varchar(200)	utf8mb4_general_ci		No	None	
<input type="checkbox"/>	5 id_prodi	int(100)			Yes	NULL	
<input type="checkbox"/>	6 id_jurusan	int(100)			Yes	NULL	

Options

	nidn	nama_dosen	bidang_keahlian	foto_dosen	id_prodi	id_jurusan
<input type="checkbox"/>	0007019101	Slamet Rahayu, S.Pd., M.Pd.	Jaringan Komputer dan IOT	0007019101.png	1	1
<input type="checkbox"/>	0405018803	Tri Herdiawan Apandi, S.S.T., M.T.	Sistem Informasi	0405018803.jpg	1	1
<input type="checkbox"/>	0426019003	Mohammad Iqbal, S.Kom., M.T.	Teknik Informatika	199001262019031021.png	2	1

Tabel Dosen fk (Program Studi – Jurusan)



Server: 127.0.0.1 - Database: siskud - Table: prodi

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id_prodi	int(100)			No	None		AUTO_INCREMENT
2	nama_prodi	varchar(100)	utf8mb4_general_ci		No	None		
3	jenjang	varchar(10)	utf8mb4_general_ci		No	None		
4	id_jurusan	int(100)			No	None		

	id_prodi	nama_prodi	jenjang	id_jurusan
e 1		Sistem Informasi	D3	1
e 2		Teknologi Rekayasa Perangkat Lunak	D4	1
e 3		Keperawatan	D3	4
e 4		Pemeliharaan Mesin	D3	3
e 5		Teknologi Rekayasa Manufaktur	D4	3
e 6		Agroindustri	D3	2
e 7		Teknologi Produksi Tanaman Pangan	D4	2

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id_jurusan	int(100)			No	None		AUTO_INCREMENT
2	nama_jurusan	varchar(200)	utf8mb4_general_ci		No	None		

	id_jurusan	nama_jurusan
1		Teknologi Informasi dan Komputer
2		Pertanian
3		Teknik Mesin
4		Kesehatan

Implementasi Aplikasi

- Tampilan Output Sistem :

View data dosen (joint)

Data Dosen

Data Dosen is a critical parts of your that is used to generate the data table below. For more information about Data Dosen, please visit the official Data Dosen documentation.

Visual Data Dosen

Showing 1 to 3 of 3 records

No	NIDN	Nama Dosen	Bidang Keahlian	Foto Dosen	Program Studi	Aksi
1	0426019003	Mohammad Iqbal S.Kom, M.T.	Teknik Informatika		Teknologi Rekayasa Perangkat Lunak	Teknologi Informasi dan Komputer
2	0007033033	Giovani Ramus, S.Pd, M.Pd	Jaringan Komputer dan IT		Sistem Informasi	Teknologi Informasi dan Komputer
3	0406030009	M. Nurhasanul Azzahri, S.Kom, M.T.	Sistem Administrasi		Sistem Informasi	Teknologi Informasi dan Komputer

Showing 1 to 3 of 3 records

Hapus data dosen (joint)

Data Dosen

Data Dosen is a critical parts of your that is used to generate the data table below. For more information about Data Dosen, please visit the official Data Dosen documentation.

Visual Data Dosen

Showing 1 to 3 of 3 records

No	NIDN	Nama Dosen	Bidang Keahlian	Foto Dosen	Program Studi	Aksi
1	0426019003	Mohammad Iqbal S.Kom, M.T.	Teknik Informatika		Teknologi Rekayasa Perangkat Lunak	Teknologi Informasi dan Komputer
2	0007033033	Giovani Ramus, S.Pd, M.Pd	Jaringan Komputer dan IT		Sistem Informasi	Teknologi Informasi dan Komputer
3	0406030009	M. Nurhasanul Azzahri, S.Kom, M.T.	Sistem Administrasi		Sistem Informasi	Teknologi Informasi dan Komputer

Showing 1 to 3 of 3 records

Tambah data dosen (joint)

Form Tambah Data

NIDN

Nama Dosen

Bidang Keahlian

Program Studi

Aksi

Input

Edit data dosen (joint)

Form Edit

NIDN

Nama Dosen

Bidang Keahlian

Foto Dosen

Program Studi

Jurusan

Update

Implementasi Aplikasi

- Kode Program:

Web route :

```
web.php ×
routes > web.php
104
105 Route::get('/dosen', [C_Admin::class, 'data_dosen'])->name('data_dosen');
106 Route::get('/dosen/detail/{nidn}', [C_Admin::class, 'detail']);
107 Route::get('/dosen/add', [C_Admin::class, 'add']);
108 Route::post('/dosen/insert', [C_Admin::class, 'insert']);
109 Route::get('/dosen/edit/{nidn}', [C_Admin::class, 'edit']);
110 Route::post('/dosen/update/{nidn}', [C_Admin::class, 'update']);
111 Route::get('/dosen/delete/{nidn}', [C_Admin::class, 'delete']);
112
```


Implementasi Aplikasi

- Kode Program:

Model Dosen : M_Dosen

```
M_Nilai.php  C_Admin.php  M_Dosen.php X  v_detailnilai.blade.php  v_adddetailnilai.blade.php
app > Models > M_Dosen.php
24     |};
25     |}
26
27     public function allData2(){
28         //return DB::table('tb_dosen')->get();
29
30         $data = DB::select(
31             'SELECT a.nidn as nidn,a.nama_dosen as nama_dosen,
32             a.foto_dosen as foto_dosen,a.bidang_keahlian as bidang_keahlian,
33             a.id_prodi as id_prodi,c.nama_prodi as nama_prodi, a.id_jurusan as id_jurusan,
34             d.nama_jurusan as nama_jurusan
35             FROM tb_dosen AS a, prodi AS c, jurusan AS d
36             WHERE a.id_prodi = c.id_prodi
37             AND a.id_jurusan = d.id_jurusan
38             ORDER BY a.nama_dosen ASC'
39         );
40
41         return $data;
42     }
43 }
```

```
53
54     //eloquent
55     // $data = DB::table('tb_dosen')
56     // ->join('mata_kuliah', 'tb_dosen.id_matakuliah', '=', 'mata_kuliah.id_matakuliah')
57     // ->join('prodi', 'tb_dosen.id_prodi', '=', 'prodi.id_prodi')
58     // ->join('jurusan', 'tb_dosen.id_jurusan', '=', 'jurusan.id_jurusan')
59     // ->select('mata_kuliah.*', 'prodi.nama_prodi', 'jurusan.nama_jurusan')
60     // ->get();
61
62     return DB::table('mata_kuliah')->get();
63 }
64
65
66 public function detailData($nidn){
67     return DB::table('tb_dosen')->where('nidn',$nidn)->first();
68 }
69
70 public function addData($data)
71 {
72     DB::table('tb_dosen')->insert($data);
73 }
74
75 public function editData($nidn, $data)
76 {
77     DB::table('tb_dosen')->where('nidn', $nidn)->update($data);
78 }
79
80 public function deleteData($nidn)
81 {
82     DB::table('tb_dosen')->where('nidn', $nidn)->delete();
83 }
```


Implementasi Aplikasi

- Controller Dosen : C_Admin

```
C_Admin.php X
app > Http > Controllers > C_Admin.php
21
22 public function index()
23 {
24
25     return view('admin/v_index');
26 }
27
28 public function data_dosen()
29 {
30     //menggunakan metode binding
31     // $data = DB::select('SELECT * FROM tb_dosen');
32     // return view('v_dosen4', ['dosen' => $data]);
33
34     $data = ['dosen' => $this->M_Dosen->allData2()];
35     return view('v_dosen4', $data);
36 }
37
```

```
C_Admin.php X
app > Http > Controllers > C_Admin.php
37
38 public function detail($nidn)
39 {
40     //mengambil nilai tabel menggunakan metode binding sql yang langsung ditampilkan di dalam
41     //sebuah variabel
42     // $data = DB::select('SELECT nama_dosen FROM tb_dosen WHERE nidn = ?', [$nidn]);
43     // $namaDosen = $data[0]->nama_dosen;
44     // return $namaDosen;
45
46     //menggunakan metode binding foreach
47     // $data = DB::select('SELECT * FROM tb_dosen WHERE nidn = ?', [$nidn]);
48     // return view('v_detaildosen4', ['dosen' => $data]);
49
50     if(!$this->M_Dosen->detailData($nidn))
51     {abort(404);}
52     $data = ['dosen' => $this->M_Dosen->detailData($nidn)];
53 }
54 return view('v_detaildosen4', $data);
55
56 }
```

```
58 public function add()
59 {
60     // $id_baru = ['id_baru' => $this->M_Dosen->id_baru()];
61     // $id_baru2 = implode(" ", $id_baru);
62     // echo $id_baru2;
63
64     $data = [
65         'prodi' => DB::table('prodi')->get(),
66         'jurusan' => DB::table('jurusan')->get(),
67     ];
68
69     return view('v_adddosen', $data);
70 }
71
72 public function insert()
73 {
74     Request()->validate([
75         'nidn' => 'required|unique:tb_dosen,nidn|min:10|max:10',
76         'nama_dosen' => 'required',
77         'bidang_keahlian' => 'required',
78         'id_prodi' => 'required',
79         'id_jurusan' => 'required',
80         'foto_dosen' => 'required|mimes:jpg,jpeg,png,bmp|max:1024',
81     ], [//ini adalah konversi keterangan validasi form NIDN dalam bahasa Indonesia
82         'nidn.required' => 'NIDN wajib diisi !',
83         'nidn.unique' => 'NIDN ini sudah terdaftar di database !',
84         'nidn.min' => 'NIDN minimal 10 karakter',
85         'nidn.max' => 'NIDN maksimal 10 karakter',
86         'nama_dosen.required' => 'Nama Dosen wajib diisi !',
87         'bidang_keahlian.required' => 'Bidang Keahlian wajib diisi !',
88         'id_prodi.required' => 'Program Studi wajib diisi !',
89         'id_jurusan.required' => 'Jurusan wajib diisi !',
90         'foto_dosen.required' => 'Foto Dosen wajib diisi !',
91     ]);
92     //jika validasi tidak ada maka lakukan simpan data
93     //upload gambar/foto
94     $file = Request()->foto_dosen;
95     $fileName = Request()->nidn.'.'. $file->extension();
96     $file->move(public_path('foto_dosen'), $fileName);
97
98     $data = [
99         'nidn' => Request()->nidn,
100         'nama_dosen' => Request()->nama_dosen,
101         'bidang_keahlian' => Request()->bidang_keahlian,
102         'foto_dosen' => $fileName,
103         'id_prodi' => Request()->id_prodi,
104         'id_jurusan' => Request()->id_jurusan,
105     ];
106
107     $this->M_Dosen->addData($data);
108     return redirect()->route('data_dosen')->with('pesan', 'Data berhasil ditambahkan !');
109 }
```

Implementasi Aplikasi

- Controller Dosen : C_Admin

```
112 public function edit($nidn)
113 {
114     if(!$this->M_Dosen->detailData($nidn))
115         (abort(404));
116 }
117
118 $data = [
119     //'dosen' => DB::table('tb_dosen')->where('nidn', $nidn)->get(),
120     'dosen' => $this->M_Dosen->detailData($nidn), //tanpa foreach
121     'prodi' => DB::table('prodi')->get(), //binding dengan foreach
122     'jurusan' => DB::table('jurusan')->get(), //binding dengan foreach
123 ];
124
125 return view('v_editdosen', $data);
126 }
```

```
128 public function update($nidn)
129 {
130     //jika validasi tidak ada maka lakukan simpan data
131     if (Request()->foto_dosen <> "") {
132         //jika ganti gambar/foto
133         $file = Request()->foto_dosen;
134         $fileName = Request()->nidn . '.' . $file->extension();
135         $file->move(public_path('foto_dosen'), $fileName);
136
137         $data = [
138             'nidn' => Request()->nidn,
139             'nama_dosen' => Request()->nama_dosen,
140             'bidang_keahlian' => Request()->bidang_keahlian,
141             'foto_dosen' => $fileName,
142             'id_prodi' => Request()->id_prodi,
143             'id_jurusan' => Request()->id_jurusan,
144         ];
145         $this->M_Dosen->editData($nidn, $data);
146     }
147     else {
148         //jika tidak ganti gambar/foto
149         $data = [
150             'nidn' => Request()->nidn,
151             'nama_dosen' => Request()->nama_dosen,
152             'bidang_keahlian' => Request()->bidang_keahlian,
153             'id_prodi' => Request()->id_prodi,
154             'id_jurusan' => Request()->id_jurusan,
155         ];
156         $this->M_Dosen->editData($nidn, $data);
157     }
158
159     return redirect()->route('data_dosen')->with('pesan', 'Data berhasil diupdate !');
160 }
161
162 public function delete($nidn)
163 {
164     //hapus atau delete foto
165     $dosen = $this->M_Dosen->detailData($nidn);
166     if ($dosen->foto_dosen <> "") {
167         unlink(public_path('foto_dosen') . '/' . $dosen->foto_dosen);
168     }
169     $this->M_Dosen->deleteData($nidn);
170     return redirect()->route('data_dosen')->with('pesan', 'Data berhasil dihapus !');
171 }
```

Implementasi Aplikasi

- View Dosen : v_dosen + delete

```
1 @extends('admin.v_template_tables3')
2 @section('content')
3 <div class="container-fluid">
4
5     <!-- Page Heading -->
6     <h1 class="h3 mb-2 text-gray-800">Data Dosen</h1>
7     <p class="mb-4">DataTables is a third party plugin that is used to generate the demo table below.
8     For more information about DataTables, please visit the <a target="_blank"
9     href="https://datatables.net">official DataTables documentation</a>.</p>
10
11     <!-- DataTables Example -->
12     <div class="card shadow mb-4">
13         <div class="card-header py-3">
14             <h6 class="m-0 font-weight-bold text-primary">Kelola Data Dosen</h6>
15         </div>
16         <div class="card-body">
17             <div class="table-responsive">
18                 <table class="table table-bordered" id="dataTable" width="100%" cellspacing="0">
19                     @if(session('pesan'))
20                         <div class="alert alert-success alert-dismissible">
21                             <button type="button" class="close" data-dismiss="alert" aria-hidden="true">&times;</button>
22                             <h5><i class="icon fas fa-check"></i>Success</h5>
23                             {{ session('pesan') }}
24                         </div>
25                     @endif
26                     <thead>
27                         <div align="right">
28                             <a href="/dosen/add" class="btn btn-sm btn-primary">Add Data</a>
29                             <a href="/dosen/printpdf" class="btn btn-sm btn-warning">Print Data</a>
30                         </div>
31                     </div>
32                     <tr>
33                         <th>No</th>
34                         <th>NIDN</th>
35                         <th>Nama Dosen</th>
36                         <th>Bidang Keahlian</th>
37                         <th>Foto Dosen</th>
38                         <th>Program Studi</th>
39                         <th>Jurusan</th>
40                         <th>Action</th>
41                     </tr>
42                 </thead>
```

```
43
44     <tbody>
45         <tr>
46             <th>No</th>
47             <th>NIDN</th>
48             <th>Nama Dosen</th>
49             <th>Bidang Keahlian</th>
50             <th>Foto Dosen</th>
51             <th>Program Studi</th>
52             <th>Jurusan</th>
53             <th>Action</th>
54         </tr>
55     </tbody>
56 </tfoot>
57 </table>
58 <tbody>
59     <?php $no=1;?>
60     @foreach ($dosen as $data)
61         <tr>
62             <td>{{ $no++ }}</td>
63             <td>{{ $data->nidn }}</td>
64             <td>{{ $data->nama_dosen }}</td>
65             <td>{{ $data->bidang_keahlian }}</td>
66             <td></td>
67             <td>{{ $data->nama_prodi }}</td>
68             <td>{{ $data->nama_jurusan }}</td>
69             <td>
70                 <a href="/dosen/detail/{{ $data->nidn }}" class="btn btn-sm btn-success">Detail</a>
71                 <a href="/dosen/edit/{{ $data->nidn }}" class="btn btn-sm btn-warning">Edit</a>
72                 <button type="button" class="btn btn-sm btn-danger" data-toggle="modal" data-target="#delete{{ $data->nidn }}">Delete
73             </td>
74         </tr>
75     @endforeach
76 </tbody>
77 </table>
78 @foreach ($dosen as $data)
79     <div class="modal fade" id="delete{{ $data->nidn }}">
80         <div class="modal-dialog modal-sm">
81             <div class="modal-content">
82                 <div class="modal-header">
83                     <h6 class="modal-title">Data Dosen : {{ $data->nama_dosen }}</h6>
84                     <button type="button" class="close" data-dismiss="modal" aria-label="Close">
85                         <span aria-hidden="true">&times;</span>
86                     </button>
87                 </div>
88                 <div class="modal-body">
89                     <p>Apakah anda ingin menghapus data ini ?</p>
90                 </div>
91                 <div class="modal-footer justify-content-between">
92                     <a href="/dosen/delete/{{ $data->nidn }}" class="btn btn-sm btn-danger">Yes</a>
93                     <button type="button" class="btn btn-sm btn-success" data-dismiss="modal">No</button>
94                 </div>
95             </div>
96         </div>
97     </div>
98 </div>
99 @endforeach
100
101 </div>
102 <!-- /.card-body -->
103 </div>
104 <!-- /.card -->
105 </div>
106 @endsection
```


Implementasi Aplikasi

- View Dosen : v_adddosen

```
1 @section('title')
2 Dosen
3 @endsection
4 @extends('admin/v_template')
5 @section('page')
6 Tambah Data Dosen
7 @endsection
8 @section('content')
9 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
10 integrity="sha384-EVSTQN3/azprG1Anm3QDgp7L99awqYh3P/QhVh3QwCOWLASJC" crossorigin="anonymous">
11
12 <div class="container-fluid">
13   <div class="row">
14     <!-- left column -->
15     <div class="col-md-6">
16
17       <!-- general form elements -->
18       <div class="card card-primary">
19         <div class="card-header">
20           <h3 class="card-title">Form Tambah Data</h3>
21         </div>
22         <!-- /.Card-header -->
23         <!-- form start -->
24         <form action="/dosen/insert" method="POST" enctype="multipart/form-data">
25           @csrf
26           <div class="card-body">
27             <div class="form-group">
28               <label for="exampleInputEmail1">NIK</label>
29               <input type="text" name="nik" class="form-control" id="exampleInputEmail1" placeholder="Masukan NIK">
30               <div class="text-danger">
31                 @error('nik')
32                   {{ $message }}
33                 @enderror
34               </div>
35             </div>
36             <div class="form-group">
37               <label for="exampleInputEmail1">Nama Dosen</label>
38               <input type="text" name="nama_dosen" class="form-control" id="exampleInputEmail1" placeholder="Masukan Nama Dosen" value="{{ old('nama_dosen') }}">
39               <div class="text-danger">
40                 @error('nama_dosen')
41                   {{ $message }}
42                 @enderror
43               </div>
44             </div>
45           </div>
46         </form>
47       </div>
48     </div>
49   </div>
50 </div>
```

```
45 <div class="form-group">
46   <label for="exampleInputEmail1">Bidang Keahlian</label>
47   <select class="form-select form-select-sm" aria-label="form-select-sm example" id="bidang_keahlian" name="bidang_keahlian">
48     <option selected>Pilih Bidang Keahlian</option>
49     <option value="Teknik Informatika">Teknik Informatika</option>
50     <option value="Sistem Informatika">Sistem Informatika</option>
51     <option value="Teknik Komputer">Teknik Komputer</option>
52     <option value="Ilmu Komputer">Ilmu Komputer</option>
53     <option value="Jaringas Komputer dan IoT">Jaringas Komputer dan IoT</option>
54     <option value="Desain dan Animasi">Desain dan Animasi</option>
55   </select>
56   <div class="text-danger">
57     @error('bidang_keahlian')
58       {{ $message }}
59     @enderror
60   </div>
61 </div>
62 <div class="form-group">
63   <label for="exampleInputFile">Foto Dosen</label>
64   <div class="input-group">
65     <div class="custom-file">
66       <input type="file" name="foto_dosen" class="custom-file-input" id="exampleInputFile">
67       <label class="custom-file-label" for="exampleInputFile">Choose file</label>
68     </div>
69     <div class="input-group-append">
70       <span class="input-group-text">Upload</span>
71     </div>
72   </div>
73   <div class="text-danger">
74     @error('foto_dosen')
75       {{ $message }}
76     @enderror
77   </div>
78 </div>
79 </div>
80
81 <div class="form-group">
82   <label for="exampleInputEmail1">Program Studi</label>
83   <select class="form-select form-select-sm" aria-label="form-select-sm example" id="id_prodi" name="id_prodi">
84     <option selected>Pilih Program Studi</option>
85     @foreach ($prodi as $prodi2)
86       <option value="{{ $prodi2->id_prodi }}">{{ $prodi2->jenjang }} - {{ $prodi2->nama_prodi }}</option>
87     @endforeach
88   </select>
89   <div class="text-danger">
90     @error('id_prodi')
91       {{ $message }}
92     @enderror
93   </div>
94 </div>
95
96 <div class="form-group">
97   <label for="exampleInputEmail1">Jurusan</label>
98   <select class="form-select form-select-sm" aria-label="form-select-sm example" id="id_jurusan" name="id_jurusan">
99     <option selected>Pilih Jurusan</option>
100     @foreach ($jurusan as $jurusan3)
101       <option value="{{ $jurusan3->id_jurusan }}">Jurusan - {{ $jurusan3->nama_jurusan }}</option>
102     @endforeach
103   </select>
104   <div class="text-danger">
105     @error('id_jurusan')
106       {{ $message }}
107     @enderror
108   </div>
109 </div>
110
111 </div>
112 <!-- /.card-body -->
113 <div class="card-footer">
114   <button type="submit" class="btn btn-primary">Insert</button>
115   <button type="reset" class="btn btn-warning">Reset</button>
116 </div>
117 </form>
118 </div>
119 <!-- /.card -->
120 </div>
121 </div>
122 </div>
123
124 @endsection
```

- View Dosen : v editdosen

[illegible]

```

<div class="form-group">
<label for="exampleInputFile">Foto Dosen</label>
<div class="input-group">
<div class="custom-file">
<input type="file" name="foto_dosen" class="custom-file-input" id="exampleInputFile">
<label class="custom-file-label" for="exampleInputFile">Choose file</label>
</div>
<div class="input-group-append">
<span class="input-group-text">Upload</span>
</div>
</div>
<div class="text-danger">
@error('foto_dosen')
{{ $message }}
@enderror
</div>
</div>

</div>

<div class="form-group">
<label for="exampleInputEmail">Program Studi</label>
<select class="form-select form-select-sm" aria-label=".form-select-sm example" id="id_prodi" name="id_prodi">
<option>Pilih Program Studi</option>
@foreach ($prodi as $data2)
<option value="{{ $data2->id_prodi }}"
@if ($dosen->id_prodi == $data2->id_prodi)
selected
@endif
>{{ $data2->name_prodi }}</option>
@endforeach
</select>
<div class="text-danger">
@error('id_prodi')
{{ $message }}
@enderror
</div>
</div>

<div class="form-group">
<div class="exampleInputEmail">Jurusan</div>
<select class="form-select form-select-sm" aria-label=".form-select-sm example" id="id_jurusan" name="id_jurusan">
<option>Pilih Jurusan</option>
@foreach ($jurusan as $data3)
<option value="{{ $data3->id_jurusan }}"
@if ($dosen->id_jurusan == $data3->id_jurusan)
selected
@endif
>{{ $data3->name_jurusan }}</option>
@endforeach
</select>
<div class="text-danger">
@error('id_jurusan')
{{ $message }}
@enderror
</div>
</div>

</div>
<!-- /.card-body -->

<div class="card-footer">
<button type="submit" class="btn btn-primary">Update</button>
</div>
</form>
</div>
<!-- /.card -->
</div>
</div>

```

Tugas Studi Kasus

- Rancanglah fitur entry data nilai mahasiswa yang memiliki relasi dengan tabel dosen, mata kuliah, semester, tahun akademik, program studi, dan jurusan

Data Nilai

DataTables is a third party plugin that is used to generate the demo table below. For more information about DataTables, please visit the [official DataTables documentation](#).

Kelola Data Nilai

Show 10 entries

[Add Data Nilai](#) [Print Data Nilai](#)

Search:

ID Nilai	Dosen	Mata Kuliah	Semester	Tahun Akademik	Program Studi	Jurusan	Komposisi Nilai Lain-lain(%)	Komposisi Nilai UTS(%)	Komposisi Nilai UAS(%)	Action
1	Mohammad Iqbal	Pemrograman Web	4	2023/2024	D3 - Sistem Informasi	Teknologi Informasi dan Komputer	0.4	0.25	0.35	Rincian Nilai Edit Nilai Delete Nilai
ID Nilai	Dosen	Mata Kuliah	Semester	Tahun Akademik	Program Studi	Jurusan	Komposisi Nilai Lain-lain(%)	Komposisi Nilai UTS(%)	Komposisi Nilai UAS(%)	Action

Showing 1 to 1 of 1 entries

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SEKIAN DAN TERIMAKASIH

Daftar pustaka

1. <http://id-laravel.com/post/instalasi-laravel-9/>
2. https://www.youtube.com/watch?v=teKSmjxpmS0&list=PLYfaT5HP5yRrJAM_rWDG1NyybChmxodJI
3. <https://www.sekolahkoding.com/kelas/tag/laravel>