

Dokumentasi

Nama : M.gunawan ridho pribadi

Nim : TI17200023

Kelas : TI A

Matkul : web fremwork

Github : https://github.com/gunawan13222/UTS_laravel

1.membuat model ,kontroler,dan migration di setiap table

```
C:\Users\LENOVO\Desktop\UTS>php artisan make:model -mcr pic

INFO Model [C:\Users\LENOVO\Desktop\UTS\app\Models\pic.php] created successfully.
INFO Created migration [2022_11_08_214643_create_pics_table].
INFO Controller [C:\Users\LENOVO\Desktop\UTS\app\Http\Controllers\PicController.php] created successfully.

C:\Users\LENOVO\Desktop\UTS>
```

2 .menambahkan entitas di migaration

```
1 public function up()
2 {
3     Schema::create('pegawais', function (Blueprint $table) {
4         $table->id();
5         $table->string('nama');
6         $table->string('whatsapp');
7         $table->string('bagian');
8         $table->timestamps();
9     });
10 }
11
```

3. di bagian model kasih protected untuk mana saja atribut yg bisa di isi

```
1 class pegawai extends Model
2 {
3     public $fillable = ['id', 'nama', 'whatsapp', 'bagian'];
4     public $timestamps = true;
5     use HasFactory;
6 }
```

4. route di bagian web.php yg mengarah ke controller

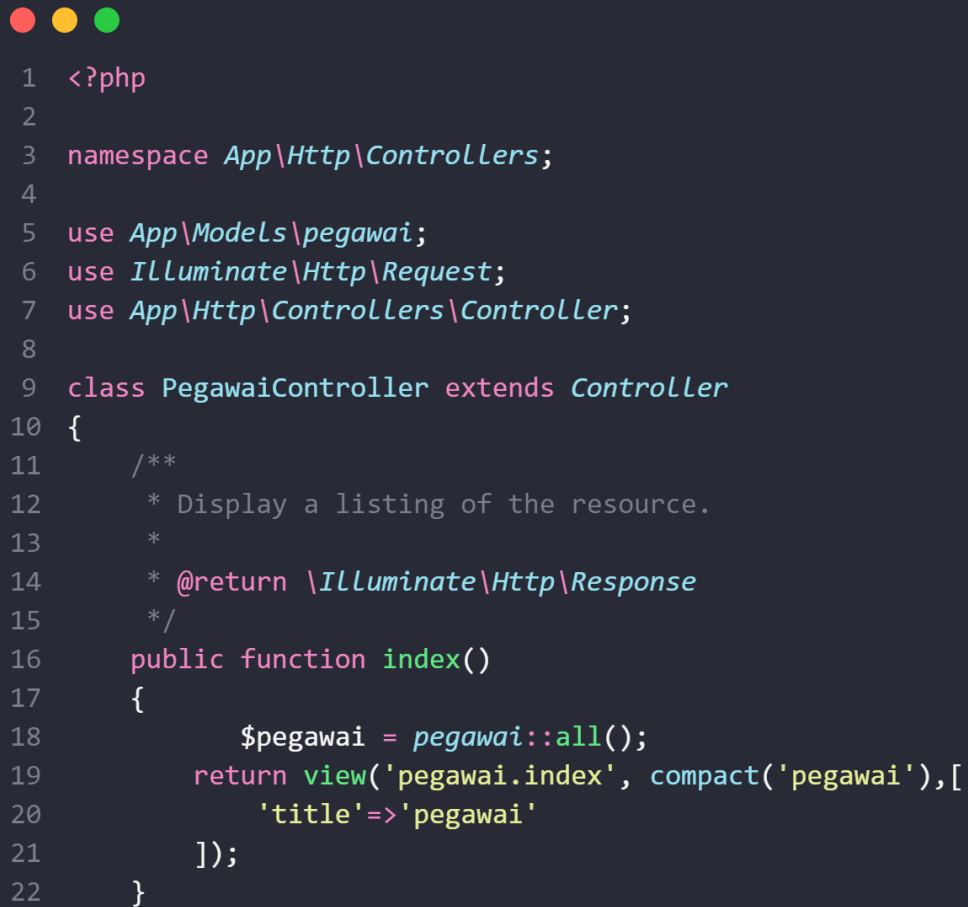
```
1 Route::resource('pegawai', PegawaiController::class);
```

Jangan lupa inport class dari controllernya

```
1 use App\Http\Controllers\PegawaiController;
```

5.index

controler



```
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\pegawai;
6  use Illuminate\Http\Request;
7  use App\Http\Controllers\Controller;
8
9  class PegawaiController extends Controller
10 {
11     /**
12      * Display a listing of the resource.
13      *
14      * @return \Illuminate\Http\Response
15      */
16     public function index()
17     {
18         $pegawai = pegawai::all();
19         return view('pegawai.index', compact('pegawai'), [
20             'title' => 'pegawai'
21         ]);
22     }
```

view

```
1 @extends('layouts.master')
2 @section('konten')
3 @extends('layouts.pesan')
4 <br>
5 <div class="container">
6   <div class="card">
7     <table class="table table-bordered">
8       <thead>
9         <tr>
10          <th style="width: 5%">No</th>
11          <th>Nama</th>
12          <th>Nomer whatsapp</th>
13          <th>bagian</th>
14          <th><a href="{{ route('pegawai.create') }}"><button type="button" class="btn btn-success">tambah data</button></a></th>
15        </tr>
16      </thead>
17      <tbody>
18        @php $no = 1 ; @endphp
19        @foreach ($pegawai as $data)
20          <tr>
21            <td>{{ $no++ }}</td>
22            <td>{{ $data->nama }}</td>
23            <td>{{ $data->whatsapp }}</td>
24            <td>{{ $data->bagian }}</td>
25            <td>
26              <form action="{{ route('pegawai.destroy', $data->id) }}" method="post">
27                @csrf
28                @method('delete')
29                <a href="{{ route('pegawai.show', $data->id) }}"><button type="button" class="btn btn-primary">detail</button></a>
30                <a href="{{ route('pegawai.edit', $data->id) }}"><button type="button" class="btn btn-warning">edit</button></a>
31                <button class="btn btn-danger btn-sm" type="submit" onClick="return confirm('apakah anda yakin ?')>Delete</button>
32              </form>
33            </td>
34          </tr>
35        @endforeach
36      </tbody>
37    </table>
38  </div>
39 </div>
40 @endsection
```

tampilan

No	Nama	Nomer whatsapp	bagian	tambah data
1	gunawan	0931273123	kapten	<button>detail</button> <button>edit</button> <button>Delete</button>
2	ucup	09887136136	sekertaris	<button>detail</button> <button>edit</button> <button>Delete</button>
3	aceng	0872234424234	bendahara	<button>detail</button> <button>edit</button> <button>Delete</button>
4	adul	087642351523	Kasir	<button>detail</button> <button>edit</button> <button>Delete</button>
5	Taufik Albab	0876555632113	Laboratorium	<button>detail</button> <button>edit</button> <button>Delete</button>

6.create

Controller create

```
1 public function create()  
2     {  
3         return view ('pegawai.create',[  
4             'title'=>'pegawai']);  
5     }  
6 }
```

Controller store

```
1 public function store(Request $request)  
2     {  
3         $validated = $request->validate([  
4             'nama'=>'required',  
5             'whatsapp'=>'required',  
6             'bagian'=>'required',  
7         ],[  
8             'nama.required'=>'nama harus di isi',  
9             'whatsapp.required'=>'nomer whatsapp harus di isi',  
10            'bagian.required'=>'pilih bagian'  
11        ]);  
12        $pegawai = new pegawai();  
13        $pegawai->nama=$request->nama;  
14        $pegawai->whatsapp=$request->whatsapp;  
15        $pegawai->bagian=$request->bagian;  
16        $pegawai->save();  
17        return redirect()->route('pegawai.index',[  
18            'title'=>'pegawai'])->with('success', 'Data berhasil di buat!');  
19    }
```

View create

```
1 @extends('layouts.master')
2 @section('konten')
3 @extends('layouts.pesan')
4 <br>
5 <div class="d-flex justify-content-center">
6   <div class="col-md-4 col-md-offset-6">
7     <form action="{{ route('pegawai.store') }}" method='post'>
8       @csrf
9       <form >
10        <div class="form-group">
11          <label for="nama">Nama </label>
12          <input type="text" class="form-control" id="nama" name="nama" >
13        </div>
14        <form >
15          <div class="form-group">
16            <label for="whatsapp">nomer whatsapp</label>
17            <input type="text" class="form-control" id="whatsapp" name="whatsapp" >
18          </div>
19          <form >
20            <div class="form-group">
21              <label for="whatsapp">bagian</label>
22              <input type="text" class="form-control" id="bagian" name="bagian" >
23            </div>
24            @error('nama', 'whatsapp', 'bagian')
25            <strong>{{ $message }}</strong>
26          @enderror
27          <br>
28          <a href="{{ route('pegawai.index') }}" type="submit"><button class="btn btn-warning">kembali</button></a>
29          <button class="btn btn-primary" type="submit">Save</button>
30        </form>
31      </div>
32    </div>
33 @endsection
```

Nama

nomer whatsapp

bagian

kembali

Save

7.show

controler

```
1 public function show($id)
2 {
3     $pegawai = pegawai::findOrFail($id);
4     return view('pegawai.show', [
5         'title' => 'pegawai'], compact('pegawai'));
6 }
```

View show

```
1 @extends('layouts.master')
2 @section('konten')
3 @extends('layouts.pesan')
4 <br>
5 <div class="d-flex justify-content-center">
6     <div class="container">
7         <div class="card">
8             <ul class="list-group">
9                 <li class="list-group-item active">Detail pegawai</li>
10                <li class="list-group-item">Nama : {{ $pegawai->nama }}</li>
11                <li class="list-group-item">Nomer whatsapp : {{ $pegawai->whatsapp }}</li>
12                <li class="list-group-item">Bagian : {{ $pegawai->bagian }}</li>
13            </ul>
14        </div>
15        <br>
16        <a href="{{ route('pegawai.index') }}" type="submit"><button type="button" class="btn btn-warning">kembali</button></a>
17    </div>
18 </div>
19 @endsection
```

Detail pegawai

Nama : adul

Nomer whatsapp : 087642351523

Bagian : Kasir

kembali

8.edit

Controller

```
1 public function edit($id)
2     {
3         $pegawai = pegawai::findOrFail($id);
4         return view('pegawai.edit',[
5             'title'=>'pegawai'], compact('pegawai'));
6     }
```

controler update

```
1 public function update(Request $request, $id)
2     {
3         $validated = $request->validate([
4             'nama'=>'required',
5             'whatsapp'=>'required',
6             'bagian'=>'required',
7         ]);
8
9         $pegawai = pegawai::findOrFail($id);
10        $pegawai->nama=$request->nama;
11        $pegawai->whatsapp=$request->whatsapp;
12        $pegawai->bagian=$request->bagian;
13        $pegawai->save();
14        return redirect()->route('pegawai.index',[
15            'title'=>'pegawai'])->with('success', 'Data berhasil edit !');
16    }
17
```


[View edit](#)

```
1 @extends('layouts.master')
2 @section('konten')
3 @extends('layouts.pesan')
4 <br>
5 <div class="container">
6   <div class="card">
7     <table class="table table-bordered">
8       <thead>
9         <tr>
10          <th style="width: 5%">No</th>
11          <th>Nama</th>
12          <th>Nomer whatsapp</th>
13          <th>bagian</th>
14          <th><a href="{{ route('pegawai.create') }}"><button type="button" class="btn btn-success">tambah data</button></a></th>
15        </tr>
16      </thead>
17      <tbody>
18        @php $no = 1 ; @endphp
19        @foreach ($pegawai as $data)
20          <tr>
21            <td>{{ $no++ }}</td>
22            <td>{{ $data->nama }}</td>
23            <td>{{ $data->whatsapp }}</td>
24            <td>{{ $data->bagian }}</td>
25            <td>
26              <form action="{{ route('pegawai.destroy', $data->id ) }}" method='post'>
27                @csrf
28                @method('delete')
29                <a href="{{ route('pegawai.show', $data->id) }}"><button type="button" class="btn btn-primary">detail</button></a>
30                <a href="{{ route('pegawai.edit', $data->id) }}"><button type="button" class="btn btn-warning">edit</button></a>
31                <button class="btn btn-danger btn-sm" type="submit" onClick="return confirm('apakah anda yakin ?')>Delete</button>
32              </form>
33            </td>
34          </tr>
35        @endforeach
36      </tbody>
37    </table>
38  </div>
39 </div>
40 @endsection
```

Nama

nomer whatsapp

bagian

kembali

update

9.delete

Controller

```
1 public function destroy($id)
2 {
3     $pegawai = pegawai::findOrFail($id);
4     $pegawai->delete();
5     return redirect()->route('pegawai.index',[
6         'title'=>'pegawai'])->with('danger', 'Data berhasil di hapus !');
7 }
```

10 . tamplet master

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <meta http-equiv="X-UA-Compatible" content="ie=edge">
7     <link rel="stylesheet" href="/assets/css/bootstrap.min.css">
8     <title>{{ $title }}</title>
9 </head>
10 <body>
11     @yield('konten')
12 </body>
13 </html>
```

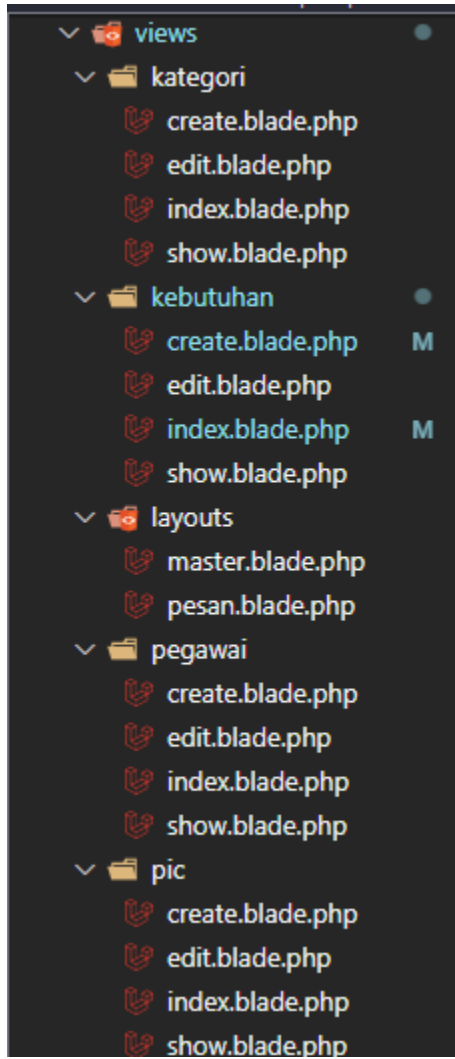
Data berhasil di hapus !

11.pesan

```
1  {{-- pesan success --}}
2  @if (Session::has('success'))
3  <div class="pt-3">
4      <div class="alert alert-success">
5          {{ Session::get('success') }}
6      </div>
7  </div>
8  @endif
9  @if (Session::has('danger'))
10 <div class="pt-3">
11     <div class="alert alert-danger">
12         {{ Session::get('danger') }}
13     </div>
14 </div>
15 @endif
16
17 {{-- pesan errors --}}
18 @if ($errors->any())
19     <div class="pt-3"></div>
20     <div class="alert alert-danger">
21         <ul>
22             @foreach ($errors->all() as $item)
23                 <li>{{ $item }}</li>
24             @endforeach
25         </ul>
26     </div>
27 @endif
```

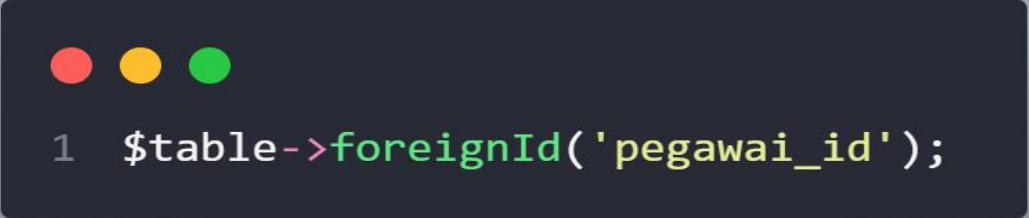
Data berhasil di buat!

12 . lakukan ke semua table dan sesuaikan



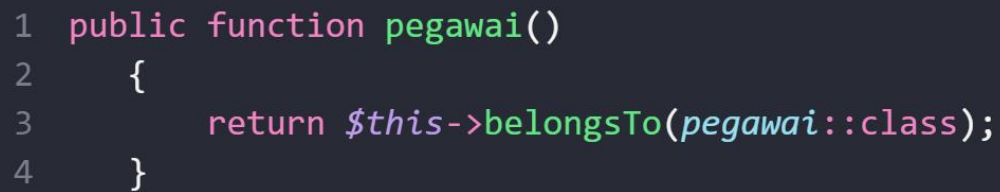
12.melakukan relasi antar table

Menambahkan foregien key ke table yg ingin di relasikan



```
1 $table->foreignId('pegawai_id');
```

Dan di bagian model



```
1 public function pegawai()  
2     {  
3         return $this->belongsTo(pegawai::class);  
4     }
```

Data berhasil di buat!

No	Nama	Kontak Whatsapp	Bagian	jenis kebutuhan	kebutuhan tentang	Deskripsi kebutuhan	Deskripsi foto/video	Urgensi	kategori	progres	PIC	tambah data
1	tri yunita	08528893670	Kasir	SIMRS	Tarif kamar tidak sesuai	Kelas 1 tapi tarif VIP	galery/taif.png	🔴 Urgent	laporan	🟢 dipelajari	imam	detail edit Delete
2	Wahyu Pranata	085288936876	Kepegawaian	Non SIMRS	Internet Lemot	butuh akses jaringan untuk pelaporan kepegawaian	galery/network.jpg	🟡 medium	Permintaan	🔄 Dikerjakan	Adit	detail edit Delete
3	Ema Wiliya	085288936765	BPJS	SIMRS	Billing Tagihan	Memudahkan dalam proses klaim	galery/billing.jpg	🔴 urgent	Permintaan	✅ selesai	wira	detail edit Delete
4	Taufik Albab	085288936909	Keuangan	SIMRS	Uban format laporan	Laporan harian pendapatan dirubah sesai format	galery/lapron.jpg	🟡 Medium	Permintaan	🔄 direncanakan	Ade	detail edit Delete
5	Ridwan	085288936568	Laboratorium	Non SIMRS	Instal Ulang CPU	Upgrade ke windows 10	galery/windows.jpg	🔵 low	Laporan	🔄 Dicanangkan	yuda	detail edit Delete

[export pdf](#)

[export excel](#)

13. export pdf

Instalasi : `composer require barryvdh/laravel-dompdf`

Tambahkan syntax seperti ini pada file `config/app.php`.

```
1 'aliases' => [  
2     'PDF' => Barryvdh\DomPDF\Facade::class,
```

```
1 'providers' => [  
2     Barryvdh\DomPDF\ServiceProvider::class,  
3     ...
```

Tambah class di route

```
1 Route::get('/cetak_pdf', [PegawaiController::class, 'cetak']);
```

Hasil

No	Nama	nomer whatsapp	bagian	jenis kebutuhan teknis
1	Tri Yunita	85288936760	Kasir	SIMRS
2	Wahyu Pranata	85288936876	Kepegawaian	Non SIMRS
3	Ema Wiliya	85288936765	BPJS	SIMRS
4	Taufik Albab	85288936909	Keuangan	SIMRS
5	Ridwan	85288936568	Laboratorium	Non SIMRS

kebutuhan	deskripsi	Deskripsi foto/video
Tarif kamar tidak sesuai	Kelas 1 tapi tarif VIP	galery/taif.png
Internet Lemot	butuh akses jaringan untuk pelaporan kepegawaian	galery/network.jpg
Billing Tagihan	Memudahkan dalam proses klaim	galery/billing.jpg
Uban format laporan	Laporan harian pendapatan dirubah sesai format	galery/lapron.jpg
Instal Ulang CPU	Upgrade ke windows 10	galery/windows.jpg

urgensi	kategori	progres	pic
♥ Urgent	Laporan	📋 dipelajari	imam
♥ medium	Permintaan	☑ Dikerjakan	Adit
♥ urgent	Permintaan	☑ selesai	wira
♥ Medium	Permintaan	🕒 direncanakan	Ade
♥ low	Laporan	🕒 Dicanangkan	yuda

14.export excel



```
1  php artisan make:export UsersExport --model=User
2
```

model



```
1  <?php
2
3  namespace App\Exports;
4
5  use App\Models\User;
6  use Maatwebsite\Excel\Concerns\FromCollection;
7
8  class UsersExport implements FromCollection
9  {
10     public function collection()
11     {
12         return User::all();
13     }
14 }
```



```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Exports\UsersExport;
6 use Maatwebsite\Excel\Facades\Excel;
7
8 class UsersController extends Controller
9 {
10     public function export()
11     {
12         return Excel::download(new UsersExport, 'users.xlsx');
13     }
14 }
```

```
1 Route::get('users/export/', [UserController::class, 'export']);
2
```

[illegible][illegible]