# 05. MODUL GURU

## PERSIAPAN

1. Buka terminal -> Ketik "php artisan make:controller GuruController -r"

## ROUTE

1. Buka folder routes. Buka file web.php
2. Use GuruController pada file web.php :

```
4   use App\Http\Controllers\GuruController;
```

3. Tambahkan routes dibawah ini pada web.php :

```
32  Route::middleware('CheckUserRole:admin')->group(function () {
33      Route::controller(GuruController::class)->prefix('guru')->group(function () {
34          Route::get('/index', 'index');
35          Route::get('/create', 'create');
36          Route::post('/store', 'store');
37          Route::get('/edit/{guru}', 'edit');
38          Route::post('/update/{guru}', 'update');
39          Route::get('/destroy/{guru}', 'destroy');
40      });
```

## VIEW

1. Buka folder resources/views -> Buat folder dengan nama guru
2. Dalam folder guru, buat 3 file dengan nama index.blade.php, create.blade.php, edit.blade.php
3. Buka file index.blade.php
4. Buat pada index.blade.php seperti berikut :

```
1   @extends('layout.main')
2   @section('content')
3       <center>
4           <b>
5               <h2>LIST DATA GURU</h2>
6               <a href="/guru/create" class="button-primary">TAMBAH DATA</a>
7               @if (session('success'))
8                   <div class="alert alert-success"><span class="closebtn" id="closeBtn">&times;</span>{{ session('success') }}</div>
9               @endif
10              @if (session('error'))
11                  <div class="alert alert-danger"><span class="closebtn" id="closeBtn">&times;</span>{{ session('error') }}</div>
12              @endif
13              <table class="table-data">
14                  <thead>
15                      <tr>
16                          <th>NO</th>
17                          <th>NIP</th>
18                          <th>NAMA GURU</th>
19                          <th>JENIS KELAMIN</th>
20                          <th>ALAMAT</th>
21                          <th>PASSWORD</th>
22                          <th>ACTION</th>
23                      </tr>
24                  </thead>
25                  <tbody>
26                      @foreach ($guru as $g)
27                          <tr>
28                              <td>{{ $loop->iteration }}</td>
29                              <td>{{ $g->nip }}</td>
30                              <td>{{ $g->nama_guru }}</td>
31                              <td>{{ $g->jk == 'L' ? 'Laki-laki' : 'Perempuan' }}</td>
32                              <td>{{ $g->alamat }}</td>
33                              <td>{{ $g->password }}</td>
34                              <td style="text-align: center">
35                                  <a href="/guru/edit/{{ $g->id }}" class="button-warning">EDIT</a>
36                                  <a href="/guru/destroy/{{ $g->id }}" onclick="return confirm('Yakin Hapus?')" class="button-danger">HAPUS</a>
37                              </td>
38                          </tr>
39                      @endforeach
40                  </tbody>
41              </table>
42          </b>
43      </center>
44  @endsection
```

5. Buka file create.blade.php
6. Buat pada create.blade.php seperti berikut :

```php
1   @extends('layout.main')
2   @section('content')
3       <div class="container-form">
4           <h2 align="center">Tambah Data Guru</h2>
5
6           @if ($errors->any())
7               @foreach ($errors->all() as $error)
8                   <p class="text-danger">{{ $error }}</p>
9               @endforeach
10          @endif
11
12          <form action="/guru/store" method="post">
13              @csrf
14              <label for="nip">Nip</label>
15              <input type="text" name="nip" id="nip">
16
17              <label for="nama_guru">Nama Guru</label>
18              <input type="text" name="nama_guru" id="nama_guru">
19
20              <label>Jenis Kelamin</label>
21              <input type="radio" name="jk" value="L"> Laki-laki
22              <input type="radio" name="jk" value="P"> Perempuan
23
24              <label for="alamat">Alamat</label>
25              <textarea name="alamat" rows="5" id="alamat"></textarea>
26
27              <label for="password">Password</label>
28              <input type="password" name="password" id="password">
29
30              <button class="button-submit" type="submit" name="button">Simpan</button>
31          </form>
32      </div>
33  @endsection
```

7. Buka file edit.blade.php
8. Buat pada edit.blade.php seperti berikut :

```php
1   @extends('layout.main')
2   @section('content')
3       <div class="container-form">
4           <h2 align="center">Edit Data Guru</h2>
5
6           @if ($errors->any())
7               @foreach ($errors->all() as $error)
8                   <p class="alert">{{ $error }}</p>
9               @endforeach
10          @endif
11
12          <form action="/guru/update/{{ $guru->id }}" method="post">
13              @csrf
14              <label for="nip">Nip</label>
15              <input type="text" name="nip" value="{{ $guru->nip }}" id="nip">
16
17              <label for="nama_guru">Nama Guru</label>
18              <input type="text" name="nama_guru" value="{{ $guru->nama_guru }}" id="nama_guru">
19
20              <label>Jenis Kelamin</label>
21              <input type="radio" name="jk" value="L" {{ $guru->jk == 'L' ? 'checked' : '' }}> Laki-laki
22              <input type="radio" name="jk" value="P" {{ $guru->jk == 'P' ? 'checked' : '' }}> Perempuan
23
24              <label for="alamat">Alamat</label>
25              <textarea name="alamat" rows="5" id="alamat">{{ $guru->alamat }}</textarea>
26
27              <label for="password">Password</label>
28              <input type="password" name="password" value="{{ $guru->password }}" id="password">
29
30              <button class="button-submit" type="submit">UBAH</button>
31          </form>
32      </div>
33  @endsection
```

**CONTROLLER**

1. Buka folder App\Http\Controllers -> Buka file GuruController.php
2. Buat pada file GuruController.php seperti berikut :

```php
<?php

namespace App\Http\Controllers;

use App\Models\Guru;
use App\Models\Mengajar;
use Illuminate\Http\Request;
use Illuminate\Validation\Rule;
use Illuminate\Database\QueryException;
use Illuminate\Validation\ValidationException;

class GuruController extends Controller
{
    public function index()
    {
        return view('guru.index', [
            'guru' => Guru::all()
        ]);
    }

    public function create()
    {
        return view('guru.create');
    }

    public function store(Request $request)
    {
        $data_guru = $request->validate([
            'nip' => ['required', 'numeric', 'unique:gurus'],
            'nama_guru' => ['required'],
            'jk' => ['required'],
            'alamat' => ['required'],
            'password' => ['required']
        ]);
        Guru::create($data_guru);
        return redirect('/guru/index')->with('success', 'Data Guru Berhasil di Tambah');
    }

    public function edit(Guru $guru)
    {
        return view('guru.edit', [
            'guru' => $guru
        ]);
    }

    public function update(Request $request, Guru $guru)
    {
        $data_guru = $request->validate([
            'nip' => ['required', 'numeric', Rule::unique('gurus')->ignore($guru->id)],
            'nama_guru' => ['required'],
            'jk' => ['required'],
            'alamat' => ['required'],
            'password' => ['required']
        ]);

        $guru->update($data_guru);
        return redirect('/guru/index')->with('success', 'Data Guru Berhasil di Ubah');
    }

    public function destroy(Guru $guru)
    {
        $mengajar = Mengajar::where('guru_id', $guru->id)->first();

        if ($mengajar) {
            return back()->with('error', "$guru->nama_guru masih digunakan di menu mengajar");
        }

        $guru->delete();

        return back()->with('success', "Data Guru Berhasil di Hapus");
    }
}
```