

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     });
});
```

Commented [H1]: "php artisan make:controller NameController -r"
Artinya membuat controller yang sudah ada method resourcenya seperti method "index", "create", "store", "edit", "update", "show" dan "destroy"

Commented [c12]: Route::middleware('CheckUserRole:admin')->group(function () { : Line ini berfungsi untuk memastikan hanya admin yang bisa mengakses halaman guru. Begitupun juga halaman-halaman yang lain seperti guru, mapel, kelas, siswa, dan mengajar.

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>NIK</th>
18                    <th>NAMA GURU</th>
19                    <th>JENIS KELAHIN</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->nik }}</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    </center>
43 @endsection
```

Commented [c13]: Penulisan variable `$guru` harus sama penulisannya seperti variable yang ditulis di method index pada controller `GuruController`

5. Buka file **create.blade.php**

6. Buat pada **create.blade.php** seperti berikut :

```
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 :

```
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 :

```
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use App\Models\Guru;
6  use App\Models\Mengajar;
7  use Illuminate\Http\Request;
8  use Illuminate\Validation\Rule;
9  use Illuminate\Database\QueryException;
10 use Illuminate\Validation\ValidationException;
11
12 class GuruController extends Controller
13 {
14     public function index()
15     {
16         return view('guru.index', [
17             'guru' => Guru::all()
18         ]);
19     }
20
21     public function create()
22     {
23         return view('guru.create');
24     }
25
26     public function store(Request $request)
27     {
28         $data_guru = $request->validate([
29             'nip' => ['required', 'numeric', 'unique:gurus'],
30             'nama_guru' => ['required'],
31             'jk' => ['required'],
32             'alamat' => ['required'],
33             'password' => ['required']
34         ]);
35         Guru::create($data_guru);
36         return redirect('/guru/index')->with('success', 'Data Guru Berhasil di Tambah');
37     }
38
39     public function edit(Guru $guru)
40     {
41         return view('guru.edit', [
42             'guru' => $guru
43         ]);
44     }
45
46     public function update(Request $request, Guru $guru)
47     {
48         $data_guru = $request->validate([
49             'nip' => ['required', 'numeric', Rule::unique('gurus')->ignore($guru->id)],
50             'nama_guru' => ['required'],
51             'jk' => ['required'],
52             'alamat' => ['required'],
53             'password' => ['required']
54         ]);
55
56         $guru->update($data_guru);
57         return redirect('/guru/index')->with('success', 'Data Guru Berhasil di Ubah');
58     }
59
60     public function destroy(Guru $guru)
61     {
62         $mengajar = Mengajar::where('guru_id', $guru->id)->first();
63
64         if ($mengajar) {
65             return back()->with('error', "$guru->nama_guru masih digunakan di menu mengajar");
66         }
67
68         $guru->delete();
69
70         return back()->with('success', "Data Guru Berhasil di Hapus");
71     }
72 }
```

Commented [c14]: 'unique:gurus' digunakan untuk membuat attribute 'nip' tidak di duplikasikan