

PRAKTIKUM PEMROGRAMAN FRAMEWORK

MODUL 6

Laravel Database Tahap Lanjut (Eloquent ORM & Blade Templates)



Dosen

Pengampu:

Purnama Anaking, S.Kom., M.Kom.

Disusun Oleh:

Belinda Agni Helena Dewi
(1204210104)

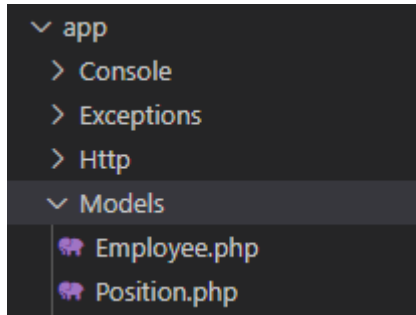
**PROGRAM STUDI S1 SISTEM INFORMASI
FAKULTAS TEKNOLOGI INFORMASI DAN BISNIS
INSTITUT TEKNOLOGI TELKOM SURABAYA**

2023

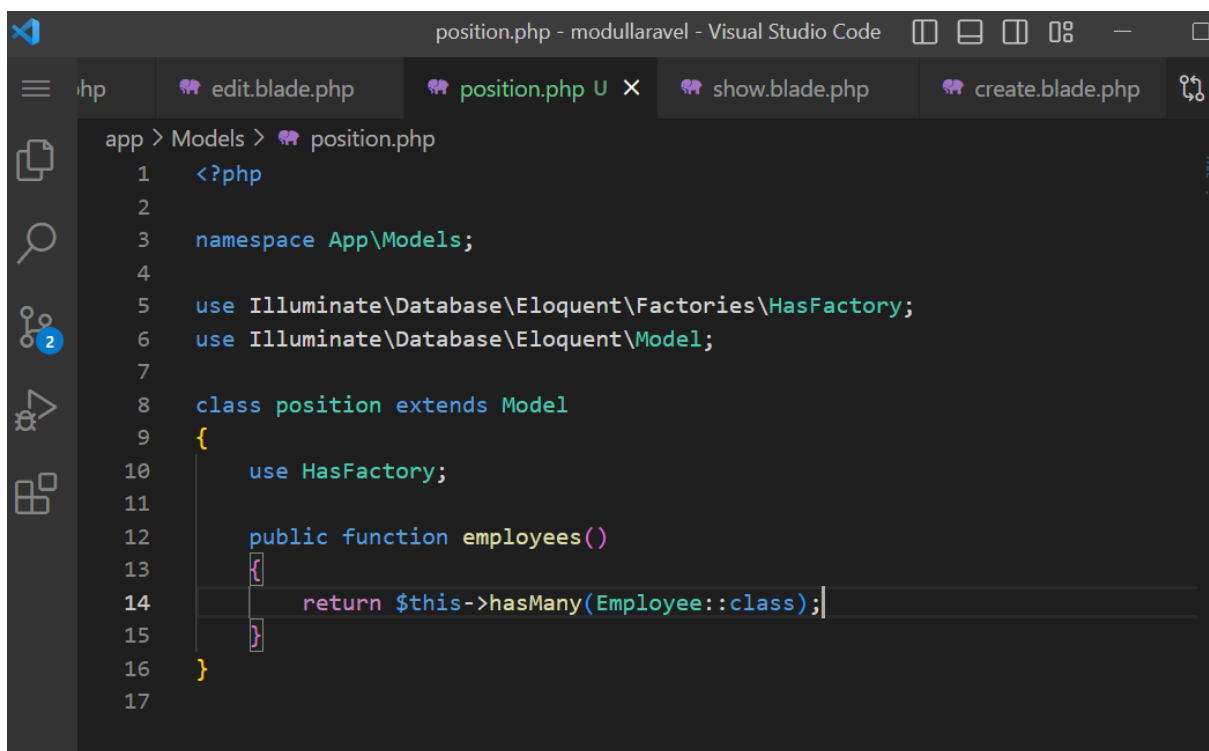
Link github: <https://github.com/belindaagnii/modul4laravel.git>

1. Membuat file model via artisan

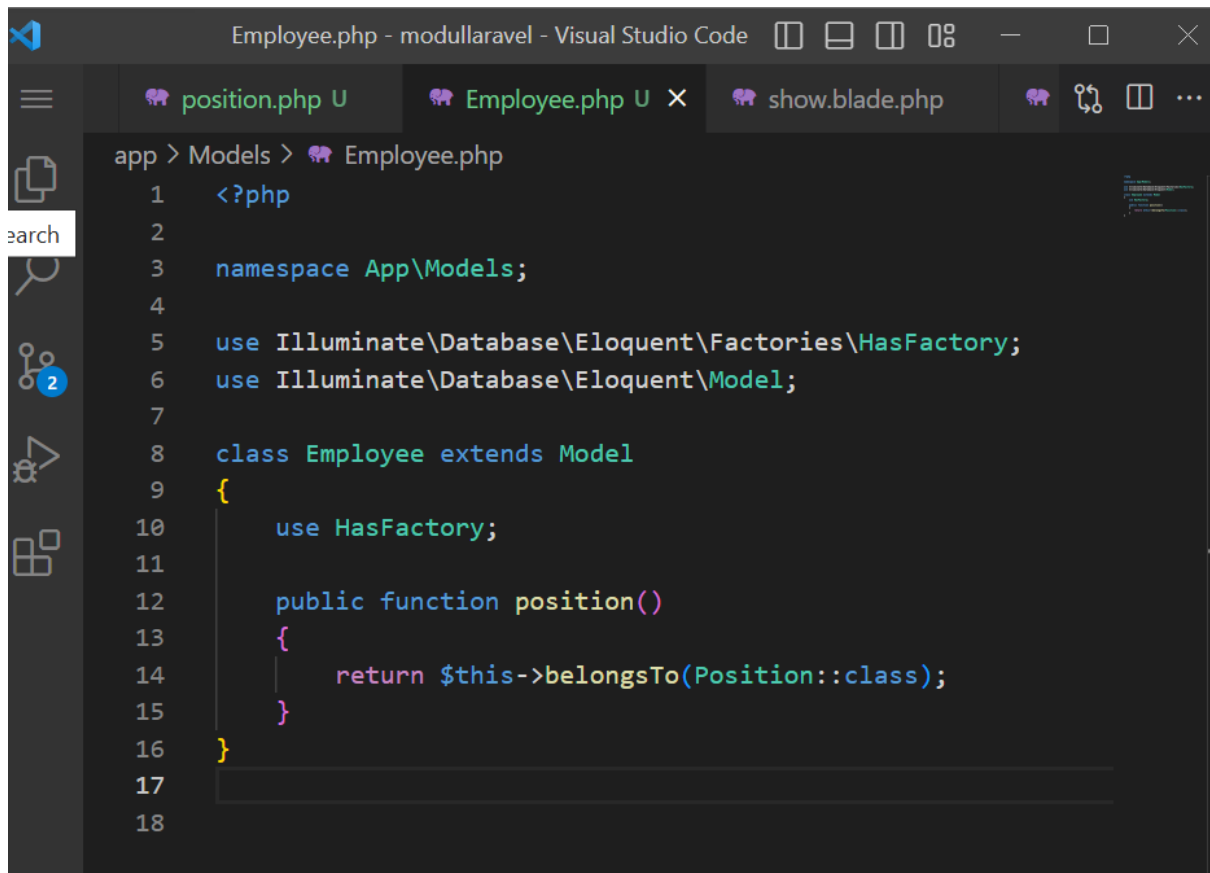
- Generate file model untuk table position dan employees via artisan yang akan terlihat pada table database.



- menambahkan function employees() pada model position untuk mendefinisikan relationship dengan model employee.
- Fungsi dari Kode position ini dapat digunakan untuk mengakses employees dengan setiap posisinya.



- Menambahkan juga function employee() pada model employee untuk mendefinisikan relationship dengan model position



```
Employee.php - modullaravel - Visual Studio Code
position.php U Employee.php U X show.blade.php

app > Models > Employee.php
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  class Employee extends Model
9  {
10     use HasFactory;
11
12     public function position()
13     {
14         return $this->belongsTo(Position::class);
15     }
16 }
17
18
```

- Fungsi dari Kode di atas untuk mengembalikan hasil relasi “belong-to” antara employee dan position yang berarti satu karyawan memiliki masing – masing satu posisi

2. Implementasi Eloquent pada Fitur Menampilkan Data Pegawai

- Langkah selanjutnya membuka file EmployeeController dan ubah query dengan pendekatan Eloquent Model pada function index() pada kode program

```
EmployeeController.php - modullaravel - Visual Stu...
EmployeeController.php M X edit.blade.php position.php U

app > Http > Controllers > EmployeeController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use Illuminate\Support\Facades\Validator;
7  use Illuminate\Support\Facades\DB;
8  use App\Models\Employee;
9
10 class EmployeeController extends Controller
11 {
12     public function index()
13     {
14         $pageTitle = 'Employee List';
15
16         // ELOQUENT
17         $employees = Employee::all();
18
19         return view('employee.index', [
20             'pageTitle' => $pageTitle,
21             'employees' => $employees
22         ]);
23     }
}
```

- Pada Kode pemrograman diatas digunakan untuk memanggil Model Employee yang akan digunakan untuk membuat table Employee di file EmployeeController
- Selanjutnya, membuka file view pada index.blade.php pada view employee

```
resources > views > employee > index.blade.php > HTML > body > div.container-mt-4 > div.table-responsive.border-p-3.rounded-3 > table.table.table-bordered.table-hover.table-striped.mb-0.bg-white
58 <tbody>
59     @foreach ($employees as $employee)
60     <tr>
61         <td>{{ $employee->firstname }}</td>
62         <td>{{ $employee->lastname }}</td>
63         <td>{{ $employee->email }}</td>
64         <td>{{ $employee->age }}</td>
65         <td>{{ $employee->position_name }}</td>
66         <td>
67             {{-- ACTIONS SECTION --}}
68             <div class="d-flex">
69                 <a href="{{ route('employees.show', ['employee' => $employee->id]) }}" class="btn btn-outline-dark btn-sm me-2"><i class="bi-person-lines-fill"></i></a>
70                 <a href="{{ route('employees.edit', ['employee' => $employee->id]) }}" class="btn btn-outline-dark btn-sm me-2"><i class="bi-pencil-square"></i></a>
71
72                 <div>
73                     <form action="{{ route('employees.destroy', ['employee' => $employee->id]) }}" method="POST">
74                         @csrf
75                         @method('delete')
76                         <button type="submit" class="btn btn-outline-dark btn-sm me-2"><i class="bi-trash"></i></button>
77                     </form>
78                 </div>
79             </div>
80         </td>
81     </tr>
82     @endforeach
83 </tbody>
84
```

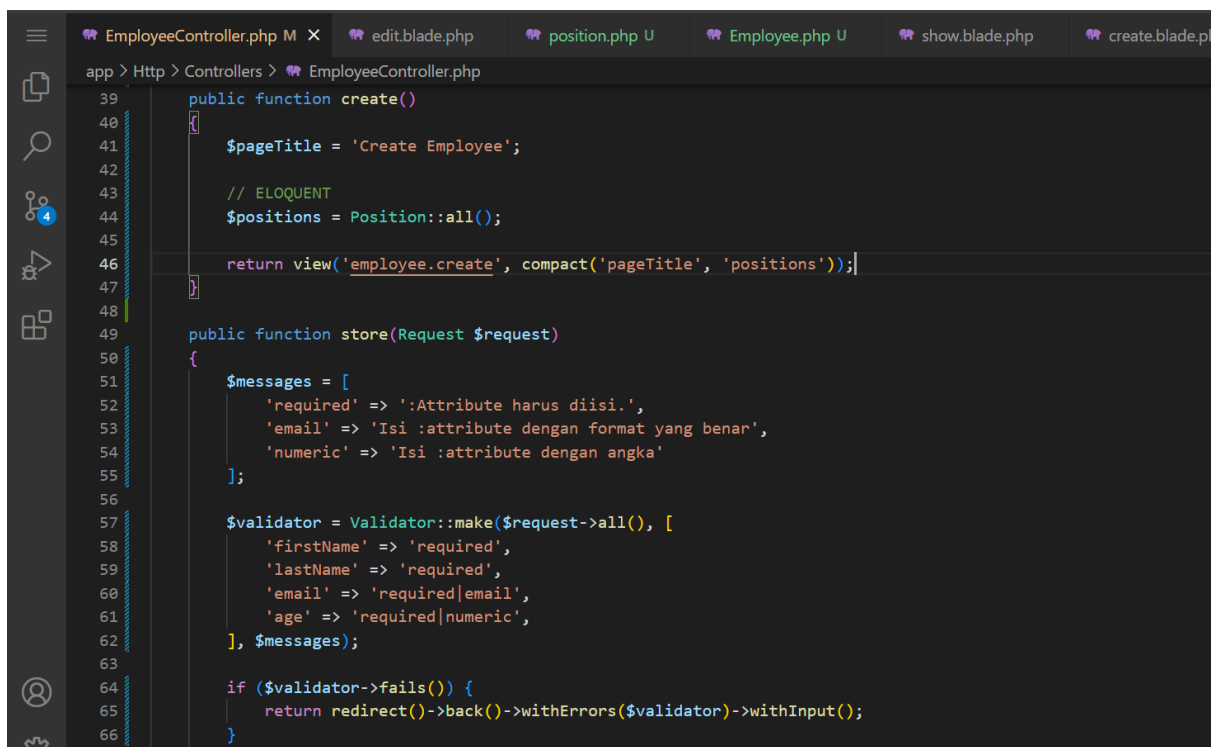
3. Implementasikan Eloquent pada Fitur Form Input Pegawai

- Langkah selanjutnya membuka file EmployeeController kemudiann mengubah query- nya dengan menggunakan pendekatan Eloquent Model pada function creat() dan store () seperti kode program.



```
EmployeeController.php M X edit.blade.php position.php U Employee.php U show.blade.php create.blade.p
app > Http > Controllers > EmployeeController.php
39 public function create()
40 {
41     $pageTitle = 'Create Employee';
42
43     // ELOQUENT
44     $positions = Position::all();
45
46     return view('employee.create', compact('pageTitle', 'positions'));
47 }
48
```

- Pada Eloquent Model function creat dideklarasikan menjadi \$positions = Position::all(); kode ini untuk mengambil semua data position dari table positions dalam database
- Ditampilkan pada view dengan nama employee.create fungsi return view() yaitu untuk mengembalikan tampilan dari resource/views dalam aplikasi Laravel.



```
EmployeeController.php M X edit.blade.php position.php U Employee.php U show.blade.php create.blade.p
app > Http > Controllers > EmployeeController.php
39 public function create()
40 {
41     $pageTitle = 'Create Employee';
42
43     // ELOQUENT
44     $positions = Position::all();
45
46     return view('employee.create', compact('pageTitle', 'positions'));
47 }
48
49 public function store(Request $request)
50 {
51     $messages = [
52         'required' => ':Attribute harus diisi.',
53         'email' => 'Isi :attribute dengan format yang benar',
54         'numeric' => 'Isi :attribute dengan angka'
55     ];
56
57     $validator = Validator::make($request->all(), [
58         'firstName' => 'required',
59         'lastName' => 'required',
60         'email' => 'required|email',
61         'age' => 'required|numeric',
62     ], $messages);
63
64     if ($validator->fails()) {
65         return redirect()->back()->withErrors($validator)->withInput();
66     }
67 }
```

```
EmployeeController.php M X edit.blade.php position.php U Employee.php U show.blade.p
app > Http > Controllers > EmployeeController.php
67
68 // ELOQUENT
69 $employee = New Employee;
70 $employee->firstname = $request->firstName;
71 $employee->lastname = $request->lastName;
72 $employee->email = $request->email;
73 $employee->age = $request->age;
74 $employee->position_id = $request->position;
75 $employee->save();
76
77 return redirect()->route('employees.index');
78 }
```

- Pada function store digunakan untuk menyimpan data yang diinputkan oleh user melalui form yang telah di deklarasikan pada kode sebelumnya
- Pada model Eloquent function store digunakan untuk membuat objek baru employee menggunakan \$employee = New Employee. Data yang sudah terisi di dalam table employees akan tersimpan pada basis data dengan menggunakan kode \$employee->save();
- Pastikan model position telah terpanggil pada bagian atas file

```
// untuk menyambungkan models Position
use App\Models\Position;
```

- Selanjutnya buka file create.blade.php dan tambahkan program seperti ini

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>{{ $pageTitle }}</title>
  @vite('resources/sass/app.scss')
</head>
<body>
  <nav class="navbar navbar-expand-md navbar-dark bg-primary">
    <div class="container">
      <a href="{{ route('home') }}" class="navbar-brand mb-0 h1"><i
class="bi-hexagon-fill me-2"></i> Data Master</a>

      <button type="button" class="navbar-toggler" data-bs-
toggle="collapse" data-bs-target="#navbarSupportedContent">
        <span class="navbar-toggler-icon"></span>
      </button>

      <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <hr class="d-lg-none text-white-50">
```

```

        <ul class="navbar-nav flex-row flex-wrap">
            <li class="nav-item col-2 col-md-auto"><a href="{{
route('home') }}" class="nav-link">Home</a></li>
            <li class="nav-item col-2 col-md-auto"><a href="{{
route('employees.index') }}" class="nav-link">Employee List</a></li>
        </ul>

        <hr class="d-lg-none text-white-50">

        <a href="{{ route('profile') }}" class="btn btn-outline-light
my-2 ms-md-auto"><i class="bi-person-circle me-1"></i> My Profile</a>
    </div>
</div>
</nav>

<div class="container-sm mt-5">
    <form action="{{ route('employees.store') }}" method="POST">
        @csrf
        <div class="row justify-content-center">
            <div class="p-5 bg-light rounded-3 border col-xl-6">

                {{-- @if ($errors->any())
                    @foreach ($errors->all() as $error)
                        <div class="alert alert-danger alert-dismissible
fade show">
                            {{ $error }}
                            <button type="button" class="btn-close" data-bs-
dismiss="alert" aria-label="Close"></button>
                        </div>
                    @endforeach
                @endif --}}

                <form action="{{ route('employees.store') }}" method="POST">
                    @csrf
                    <div class="row justify-content-center">
                        <div class="p-5 bg-light rounded-3 border col-xl-
6">

                            <div class="mb-3 text-center">
                                <i class="bi-person-circle fs-1"></i>
                                <h4>Create Employee</h4>
                            </div>
                            <hr>
                            <div class="row">
                                <div class="col-md-6 mb-3">
                                    <label for="firstName" class="form-
label">First Name</label>

```

```

<input class="form-control
@error('firstName') is-invalid @enderror" type="text" name="firstName"
id="firstName" value="{{ old('firstName') }}" placeholder="Enter First Name">
    @error('firstName')
    <div class="text-danger"><small>{{
$message }}</small></div>

    @enderror
</div>
<div class="col-md-6 mb-3">
    <label for="lastName" class="form-
label">Last Name</label>

    <input class="form-control
@error('lastName') is-invalid @enderror" type="text" name="lastName"
id="lastName" value="{{ old('lastName') }}" placeholder="Enter Last Name">
    @error('lastName')
    <div class="text-danger"><small>{{
$message }}</small></div>

    @enderror
</div>
<div class="col-md-6 mb-3">
    <label for="email" class="form-
label">Email</label>

    <input class="form-control @error('email')
is-invalid @enderror" type="text" name="email" id="email" value="{{
old('email') }}" placeholder="Enter Email">
    @error('email')
    <div class="text-danger"><small>{{
$message }}</small></div>

    @enderror
</div>
<div class="col-md-6 mb-3">
    <label for="age" class="form-
label">Age</label>

    <input class="form-control @error('age')
is-invalid @enderror" type="text" name="age" id="age" value="{{ old('age') }}"
placeholder="Enter Age">
    @error('age')
    <div class="text-danger"><small>{{
$message }}</small></div>

    @enderror
</div>
<div class="col-md-12 mb-3">
    <label for="position" class="form-
label">Position</label>

    <select name="position" id="position"
class="form-select">

        @foreach ($positions as $position)

```



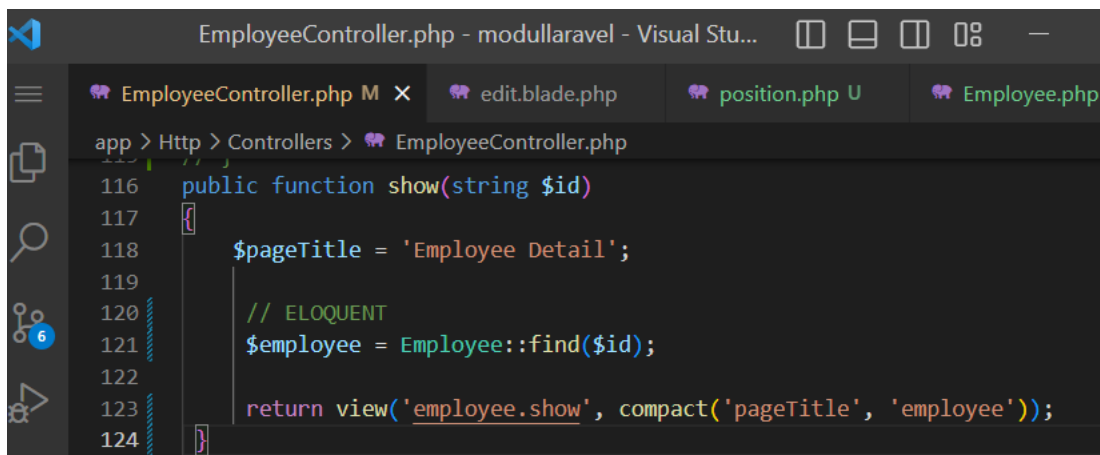
```

<option value="{{ $position->id
}}" {{ old('position') == $position->id ? 'selected' : '' }}>{{ $position-
>code.' - '.$position->name }}

```

4. Implementasikan Eloquent pada Fitur Detail Data Pegawai

- Selanjutnya bukalah file EmployeeController dan ubah query dengan Eloquent Model pada functionshow() pada kode program.



```

EmployeeController.php - modullaravel - Visual Stu...
EmployeeController.php M X edit.blade.php position.php U Employee.php
app > Http > Controllers > EmployeeController.php
116 public function show(string $id)
117 {
118     $pageTitle = 'Employee Detail';
119
120     // ELOQUENT
121     $employee = Employee::find($id);
122
123     return view('employee.show', compact('pageTitle', 'employee'));
124 }

```

- Pada fuction show ini berfungsi untuk mendeklarasikan parameter \$id. Parameter ini digunakan untuk mengidentifikasi pegawai yang ditampilkan detailnya.
- Pada Eloquent Model terdapat kode \$employee = Employee::find(\$id) yaitu

untuk mencari data pegawai berdasarkan ID nya berdasarkan kolom primary key dari tableemployees basis data.

- membuka file view kemudian show.blade.php

```
resources > views > employee > show.blade.php M
33 <div class="container-sm my-5">
34 <div class="row justify-content-center">
35 <div class="p-5 bg-light rounded-3 col-xl-4 border">
36 <div class="mb-3 text-center">
37 <i class="bi-person-circle fs-1"></i>
38 <h4>Detail Employee</h4>
39 </div>
40 <hr>
41 <div class="row">
42 <div class="col-md-12 mb-3">
43 <label for="firstName" class="form-label">First Name</label>
44 <h5>{{ $employee->firstname }}</h5>
45 </div>
46 <div class="col-md-12 mb-3">
47 <label for="lastName" class="form-label">Last Name</label>
48 <h5>{{ $employee->lastname }}</h5>
49 </div>
50 <div class="col-md-12 mb-3">
51 <label for="email" class="form-label">Email</label>
52 <h5>{{ $employee->email }}</h5>
53 </div>
54 <div class="col-md-12 mb-3">
55 <label for="age" class="form-label">Age</label>
56 <h5>{{ $employee->age }}</h5>
57 </div>
58 <div class="col-md-12 mb-3">
59 <label for="age" class="form-label">Position</label>
60 <h5>{{ $employee->position->name }}</h5>
61 </div>
62 </div>
63 <hr>
64 <div class="row">
65 <div class="col-md-12 d-grid">
66 <a href="{{ route('employees.index') }}" class="btn btn-outline-dark btn-lg mt-3"><i class="bi-arrow-left-circle me-2"></i> Back</a>
67 </div>
68 </div>
```

5. Implementasikan Eloquent pada Fitur Form Edit Pegawai

- Langkah selanjutnya membuka file EmployeeController dan mengubah dengan menggunakan EloquentModel pada functionedit() dan update() pada kode program selanjutnya bukalah file view edit.blade.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>{{ $pageTitle }}</title>
  @vite('resources/sass/app.scss')
</head>
<div class="container-sm mt-5">
  <form action="{{ route('employees.update', $employee->id) }}"
method="POST">
    @csrf
    @method('PUT')
    <div class="row justify-content-center">
      <div class="p-5 bg-light rounded-3 border col-xl-6">
```

```

        {{-- @if ($errors->any())
            @foreach ($errors->all() as $error)
                <div class="alert alert-danger alert-dismissible fade
show">
                    {{ $error }}
                    <button type="button" class="btn-close" data-bs-
dismiss="alert" aria-label="Close"></button>
                </div>
            @endforeach
        @endif --}}

<div class="mb-3 text-center">
    <i class="bi-person-circle fs-1"></i>
    <h4>Edit Employee</h4>
</div>
<hr>
<div class="row">
    {{-- <div class="col-md-6 mb-3">
        <label for="firstName" class="form-label">First
Name</label>
        <input class="form-control @error('firstName') is-
invalid @enderror" type="text" name="firstName" id="firstName" value="{{
$employee->firstname }}" placeholder="Enter First Name">
        @error('firstName')
            <div class="invalid-feedback">{{ $message }}</div>
        @enderror
    </div> --}}
    <div class="col-md-6 mb-3">
        <label for="firstName" class="form-label">First
Name</label>
        <input class="form-control @error('firstName') is-
invalid @enderror" type="text" name="firstName" id="firstName" value="{{
$errors->any() ? old('firstName') : $employee->firstname }}" placeholder="Enter
First Name">
        @error('firstName')
            <div class="text-danger"><small>{{ $message
}}</small></div>
        @enderror
    </div>

    {{-- <div class="col-md-6 mb-3">
        <label for="lastName" class="form-label">Last
Name</label>
        <input class="form-control @error('lastName') is-invalid
@enderror" type="text" name="lastName" id="lastName" value="{{ $employee-
>lastname }}" placeholder="Enter Last Name">
        @error('LastName')
            <div class="invalid-feedback">{{ $message }}</div>
    </div>
--}}

```

```

        @enderror
    </div> --}}
    <div class="col-md-6 mb-3">
        <label for="lastName" class="form-label">Last
Name</label>
        <input class="form-control @error('lastName') is-invalid
@enderror" type="text" name="lastName" id="lastName" value="{{ $errors->any()
? old('lastName') : $employee->lastname }}" placeholder="Enter Last Name">
        @error('lastName')
            <div class="text-danger"><small>{{ $message
}}</small></div>
        @enderror
    </div>

    {{-- <div class="col-md-6 mb-3">
        <label for="email" class="form-label">Email</label>
        <input class="form-control @error('email') is-invalid
@enderror" type="text" name="email" id="email" value="{{ $employee->email }}"
placeholder="Enter Email">
        @error('email')
            <div class="invalid-feedback">{{ $message }}</div>
        @enderror
    </div> --}}
    <div class="col-md-6 mb-3">
        <label for="email" class="form-label">Email</label>
        <input class="form-control @error('email') is-invalid
@enderror" type="text" name="email" id="email" value="{{ $errors->any() ?
old('email') : $employee->email }}" placeholder="Enter Email">
        @error('email')
            <div class="text-danger"><small>{{ $message
}}</small></div>
        @enderror
    </div>

    {{-- <div class="col-md-6 mb-3">
        <label for="age" class="form-label">Age</label>
        <input class="form-control @error('age') is-invalid
@enderror" type="text" name="age" id="age" value="{{ $employee->age }}"
placeholder="Enter Age">
        @error('age')
            <div class="invalid-feedback">{{ $message }}</div>
        @enderror
    </div> --}}
    <div class="col-md-6 mb-3">
        <label for="age" class="form-label">Age</label>
        <input class="form-control @error('age') is-invalid
@enderror" type="text" name="age" id="age" value="{{ $errors->any() ?
old('age') : $employee->age }}" placeholder="Enter Age">

```

```

        @error('age')
        <div class="text-danger"><small>{{ $message
}}</small></div>

        @enderror
    </div>

    {{-- <div class="col-md-12 mb-3">
        <label for="position" class="form-label">Position</label>
        <select name="position" id="position" class="form-
select">

            @foreach ($positions as $position)
                <option value="{{ $position->id }}" {{
old('position', $employee->position_id) == $position->id ? 'selected' : '' }}>{{
$position->code.' - '.$position->name }}</option>
            @endforeach
        </select> --}}
        <div class="col-md-12 mb-3">
            <label for="position" class="form-
label">Position</label>
            <select name="position" id="position" class="form-
select">

                @php
                    $selected = "";
                    if ($errors->any())
                        $selected = old('position');
                    else
                        $selected = $employee->position_id;
                @endphp
                @foreach ($positions as $position)
                    <option value="{{ $position->id }}" {{
$selected == $position->id ? 'selected' : '' }}>{{ $position->code.' -
'.$position->name }}</option>
                @endforeach
            </select>

            {{-- @error('position')
                <div class="text-danger"><small>{{ $message
}}</small></div>

            @enderror
        </div>
    </div>
    <hr>
    <div class="row">
        <div class="col-md-6 d-grid">
            <a href="{{ route('employees.index') }}" class="btn
btn-outline-dark btn-lg mt-3"><i class="bi-arrow-left-circle me-2"></i>
Cancel</a>

        </div>

```

```

        <div class="col-md-6 d-grid">
            <button type="submit" class="btn btn-dark btn-lg mt-3"><i class="bi-check-circle me-2"></i> Save</button>
        </div>
    </div>
</div>
</div> --}}
@error('position')
                                <div class="text-danger"><small>{{ $message
}}</small></div>
                                @enderror
                            </div>
                        </div>
                        <hr>
                        <div class="row">
                            <div class="col-md-6 d-grid">
                                <a href="{{ route('employees.index') }}" class="btn btn-outline-dark btn-lg mt-3"><i class="bi-arrow-left-circle me-2"></i> Cancel</a>
                            </div>
                            <div class="col-md-6 d-grid">
                                <button type="submit" class="btn btn-dark btn-lg mt-3"><i class="bi-check-circle me-2"></i> Edit</button>
                            </div>
                        </div>
                    </div>
                </div>
            </form>
        </div>

@vite('resources/js/app.js')
</body>
</html>

```

6. Implementasikan Eloquent pada Fitur Hapus Data Pegawai

- Langkah selanjutnya membuka file EmployeeController kemudian mengubah menjadi Eloquent Model pada functiondestroy() pada kode program

```

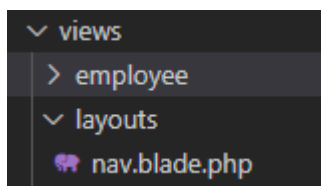
158 }
159
160 public function destroy(string $id)
161 {
162     // QUERY BUILDER
163     // DB::table('employees')
164     //     ->where('id', $id)
165     //     ->delete();
166
167     //ELOQUENT
168     Employee::find($id)->delete();
169     return redirect()->route('employees.index');
170 }
171 }
172

```

- Pada Function destroy() digunakan untuk menangani proses penghapusan data pada fitur hapus data pegawai.

7. Memisahkan Nav Section

- membuat file view baru pada nav.blade.php kemudian memindahkan kode program nav section.



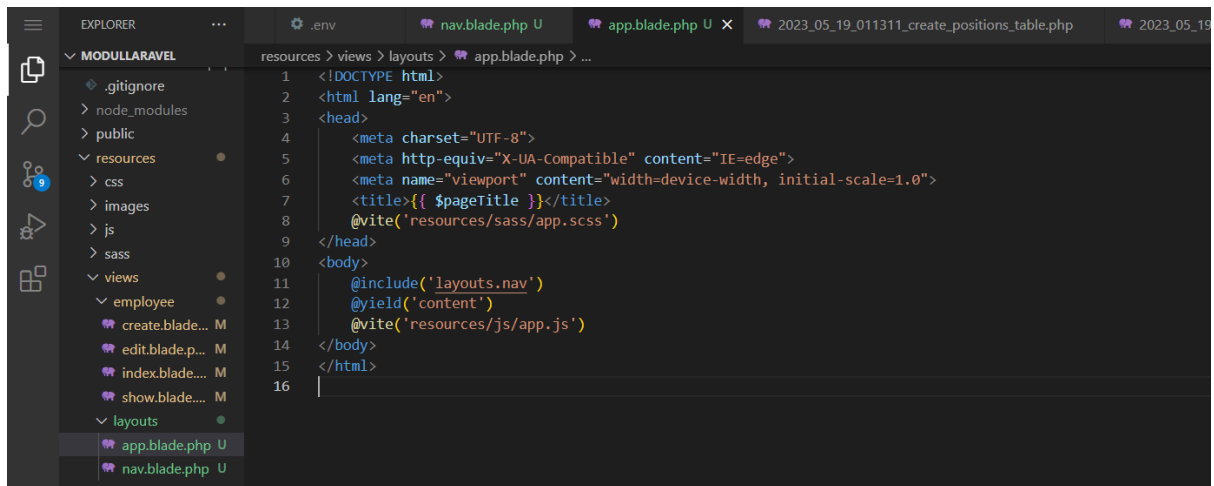
```

1 @php
2 $currentRouteName = Route::currentRouteName();
3 @endphp
4
5 <nav class="navbar navbar-expand-md navbar-dark bg-primary">
6     <div class="container">
7         <a href="{{ route('home') }}" class="navbar-brand mb-0 h1"><i class="bi-hexagon-fill me-2"></i> Data Master</a>
8
9         <button type="button" class="navbar-toggler" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent">
10             <span class="navbar-toggler-icon"></span>
11         </button>
12
13         <div class="collapse navbar-collapse" id="navbarSupportedContent">
14             <hr class="d-md-none text-white-50">
15
16             <ul class="navbar-nav flex-row flex-wrap">
17                 <li class="nav-item col-2 col-md-auto"><a href="{{ route('home') }}" class="nav-link @if($currentRouteName == 'home') active @endif">
18                 <li class="nav-item col-2 col-md-auto"><a href="{{ route('employees.index') }}" class="nav-link @if($currentRouteName == 'employees.
19             </ul>
20
21             <hr class="d-md-none text-white-50">
22
23             <a href="{{ route('profile') }}" class="btn btn-outline-light my-2 ms-md-auto"><i class="bi-person-circle me-1"></i> My Profile</a>
24         </div>
25     </div>
26 </nav>
27

```

8. Mendefinisikan layout utama aplikasi

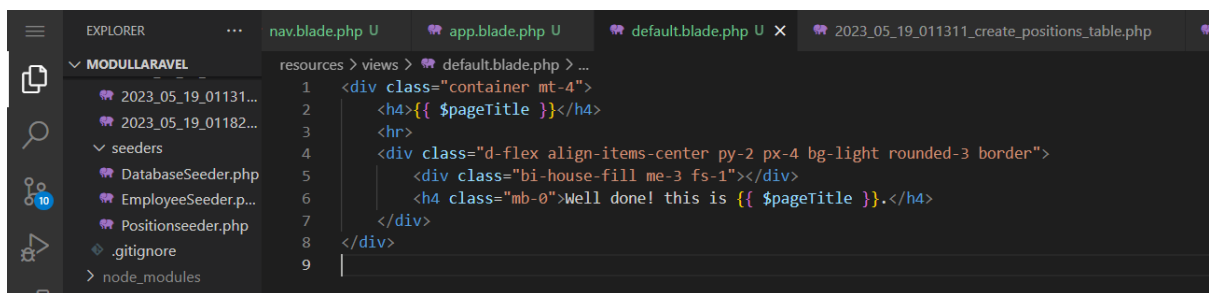
- Membuat file view baru pada app.blade.php



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>{{ $pageTitle }}</title>
8   @vite('resources/sass/app.scss')
9 </head>
10 <body>
11   @include('layouts.nav')
12   @yield('content')
13   @vite('resources/js/app.js')
14 </body>
15 </html>
16
```

9. Membuat template untuk Default Content

- membuat file view baru default.blade.php untuk dijadikan template default pada konten aplikasi web.




```
1 <div class="container mt-4">
2   <h4>{{ $pageTitle }}</h4>
3   <hr>
4   <div class="d-flex align-items-center py-2 px-4 bg-light rounded-3 border">
5     <div class="bi-house-fill me-3 fs-1"></div>
6     <h4 class="mb-0">Well done! this is {{ $pageTitle }}</h4>
7   </div>
8 </div>
9
```

- Pada `<h4>` terdapat `$pageTitle` yang isinya telah dideklarasikan pada file `HomeController` dan `ProfileController`
- Jika user mengklik profile, maka user akan diarahkan ke halaman profile dengan kode yang di eksekusi `ProfileController` dan otomatis tulisan yang akan muncul adalah “Welldone! This is Profile”.

10. Memisahkan Actions Selection

- membuat file view baru `actions.blade.php` kemudian pindahkan pada `index.blade.php`

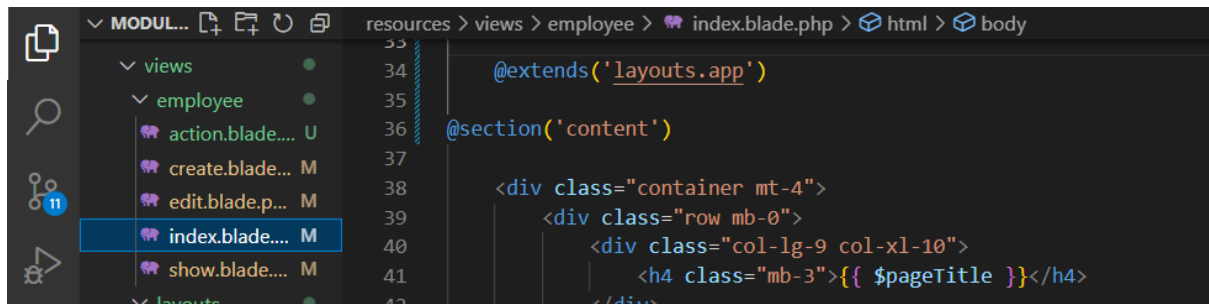


```
1 <div class="d-flex">
2   <a href="{{ route('employees.show', ['employee' => $employee->id]) }}" class="btn btn-outline-dark btn-sm me-2"><i class="bi-person-lines-fill"></i></a>
3   <a href="{{ route('employees.edit', ['employee' => $employee->id]) }}" class="btn btn-outline-dark btn-sm me-2"><i class="bi-pencil-square"></i></a>
4
5   <div>
6     <form action="{{ route('employees.destroy', ['employee' => $employee->id]) }}" method="POST">
7       @csrf
8       @method('delete')
9       <button type="submit" class="btn btn-outline-dark btn-sm me-2"><i class="bi-trash"></i></button>
10    </form>
11  </div>
12 </div>
13
```

11. Penyesuaian File View untuk Fitur Menampilkan Data Pegawai

- Buka file view `index.blade.php` kemudian implementasikan konsep inheritance dengan Blade Directive `@extends()` file `@extends` berfungsi untuk memanggil template yang sudah dideklarasikan pada file

app.blade.php yang ada pada direktori layouts

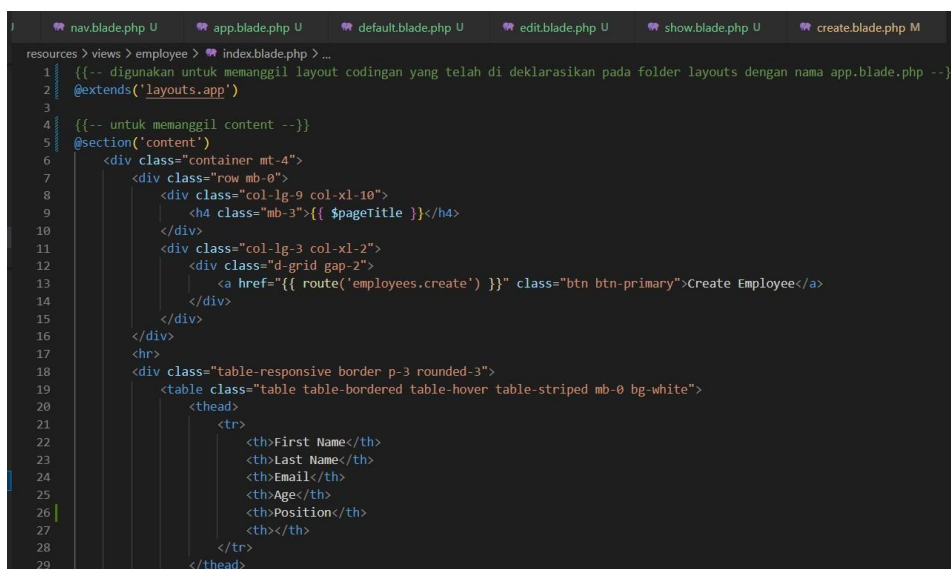


```
resources > views > employee > index.blade.php > html > body
33
34 @extends('layouts.app')
35
36 @section('content')
37
38 <div class="container mt-4">
39   <div class="row mb-0">
40     <div class="col-lg-9 col-xl-10">
41       <h4 class="mb-3">{{ $pageTitle }}</h4>
42     </div>
```

Output:



- Pada @section('context') berisi content yang ada di dalam CreateEmployee seperti firstname, lastname, email, age, dan position



```
resources > views > employee > index.blade.php > ...
1  {{-- digunakan untuk memanggil layout codingan yang telah di deklaraskan pada folder layouts dengan nama app.blade.php --}}
2  @extends('layouts.app')
3
4  {{-- untuk memanggil content --}}
5  @section('content')
6    <div class="container mt-4">
7      <div class="row mb-0">
8        <div class="col-lg-9 col-xl-10">
9          <h4 class="mb-3">{{ $pageTitle }}</h4>
10         </div>
11         <div class="col-lg-3 col-xl-2">
12           <div class="d-grid gap-2">
13             <a href="{{ route('employees.create') }}" class="btn btn-primary">Create Employee</a>
14           </div>
15         </div>
16       </div>
17       <hr>
18       <div class="table-responsive border p-3 rounded-3">
19         <table class="table table-bordered table-hover table-striped mb-0 bg-white">
20           <thead>
21             <tr>
22               <th>First Name</th>
23               <th>Last Name</th>
24               <th>Email</th>
25               <th>Age</th>
26               <th>Position</th>
27               <th></th>
28             </tr>
29           </thead>
```

Output:

First Name	Last Name	Email	Age	Position	Action
Adzanil	Rachmadhi	adzanil.rachmadhi@gmail.com	50	Back End Developer	
Berlian	Rahmy	berlian.rahmy@gmail.com	23	System Analyst	
Purnama	anaking	purnamaanaking@gmail.com	25	Back End Developer	



12. Penyesuaian File View untuk Fitur Form Input Pegawai

- Membuka file view create.blade.php

```

resources > views > employee > create.blade.php > html > body > div.container-
  33 @extends('layouts.app')
  34
  35 @section('content')
  36 <div class="container-sm mt-5">
  37   <form action="{{ route('employees.store') }}" method="POST">
  38     @csrf
  39     <div class="row justify-content-center">
  40       <div class="p-5 bg-light rounded-3 border col-xl-6">
  41

```

Output:



- Pada @section('content')


```

resources > views > employee > create.blade.php > ...
1  {{-- digunakan untuk memanggil layout codingan yang telah di deklarasikan pada folder layouts dengan nama app.blade.php --}}
2  @extends('layouts.app')
3
4  {{-- untuk memanggil content --}}
5  @section('content')
6    <div class="container-sm mt-5">
7      <form action="{{ route('employees.store') }}" method="POST">
8        @csrf
9        <div class="row justify-content-center">
10         <div class="p-5 bg-light rounded-3 border col-xl-6">
11           <div class="mb-3 text-center">
12             <i class="bi-person-circle fs-1"></i>
13             <h4>Create Employee</h4>
14           </div>
15           <hr>
16           <div class="row">
17             <div class="col-md-6 mb-3">
18               <label for="firstName" class="form-label">First Name</label>
19               <input class="form-control @error('firstName') is-invalid @enderror" type="text" name="firstName" id="firstName" value="">
20               @error('firstName')
21                 <div class="text-danger"><small>{{ $message }}</small></div>
22               @enderror
23             </div>
24             <div class="col-md-6 mb-3">
25               <label for="lastName" class="form-label">Last Name</label>
26               <input class="form-control @error('lastName') is-invalid @enderror" type="text" name="lastName" id="lastName" value="">
27               @error('lastName')
28                 <div class="text-danger"><small>{{ $message }}</small></div>
29               @enderror

```

Output:





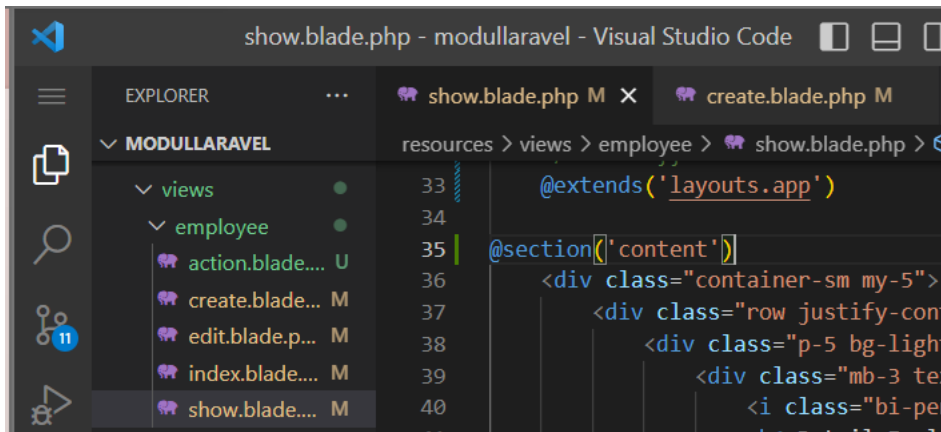
Create Employee

First Name <input type="text" value="Enter First Name"/>	Last Name <input type="text" value="Enter Last Name"/>
Email <input type="text" value="Enter Email"/>	Age <input type="text" value="Enter Age"/>
Position <input type="text" value="FE - Front End Developer"/>	
<input type="button" value="Cancel"/> <input type="button" value="Save"/>	

13. Penyesuaian File View untuk Fitur Detail Data Pegawai

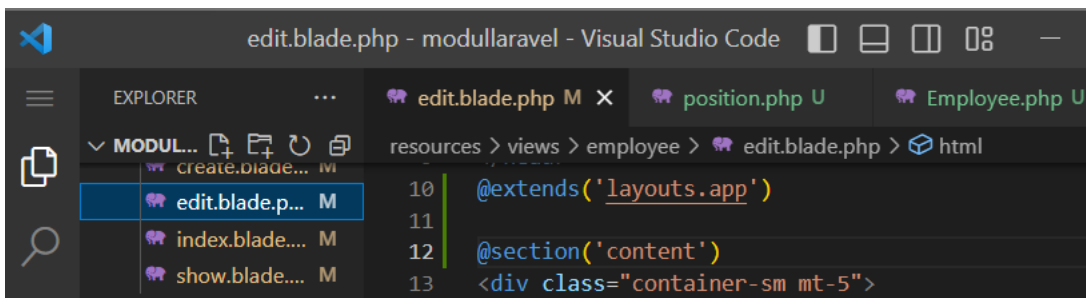
- Langkah selanjutnya membuka file view pada show.blade.php
- Fungsi @extends → digunakan untuk memanggil template yang telah di

deklarasikan pada fileapp.blade.php yang ada di dalam file direktori layouts.



14. Penyesuaian File View untuk Fitur Detail Data Pegawai

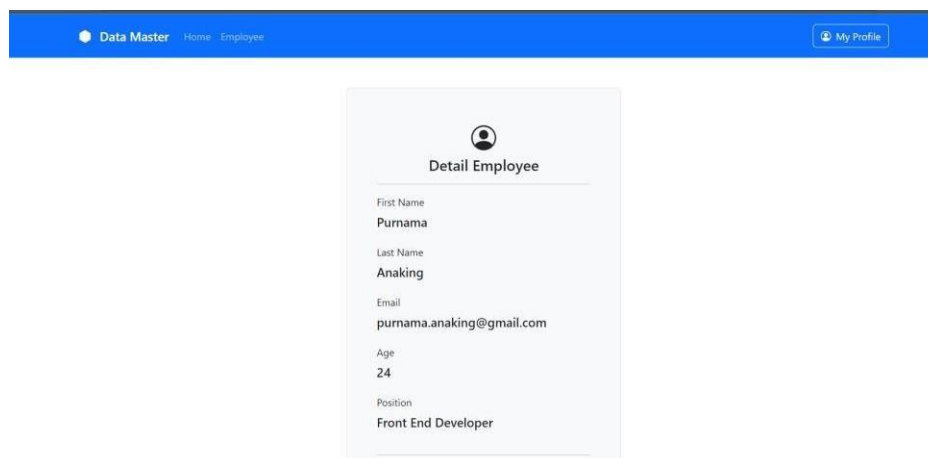
- membuka file view pada show.blade.php
- fungsi `@extends` → digunakan untuk memanggil template yang telah di deklarasikan pada fileapp.blade.php yang ada di dalam file direktori layouts.



- `@section('content')`

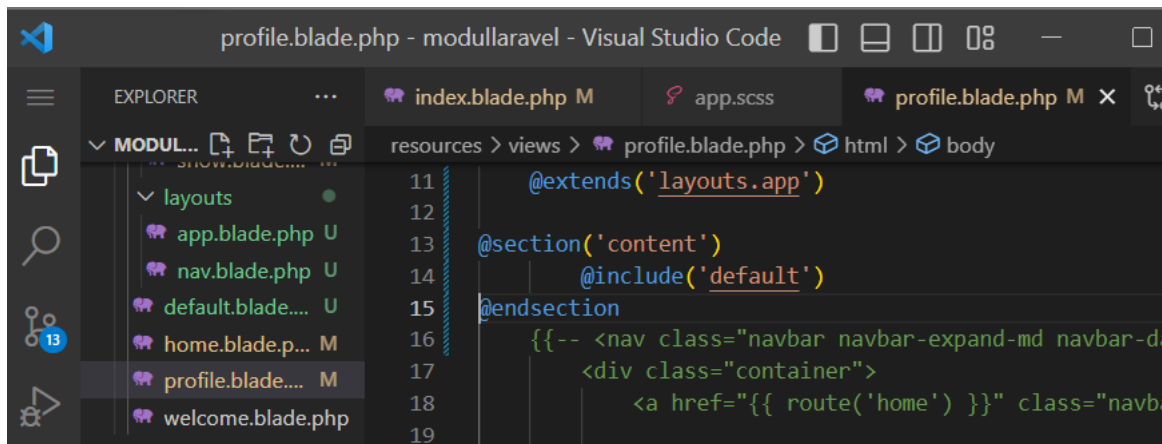
```
resources > views > employee > show.blade.php > ...
1  {{-- digunakan untuk memanggil layout codingan yang telah di deklarasikan pada folder layouts dengan
2  @extends('layouts.app')
3
4  {{-- untuk memanggil content --}}
5  @section('content')
6      <div class="container-sm my-5">
7          <div class="row justify-content-center">
8              <div class="p-5 bg-light rounded-3 col-xl-4 border">
9                  <div class="mb-3 text-center">
10                     <i class="bi-person-circle fs-1"></i>
11                     <h4>Detail Employee</h4>
12                 </div>
13                 <hr>
14                 <div class="row">
15                     <div class="col-md-12 mb-3">
16                         <label for="firstName" class="form-label">First Name</label>
17                         <h5>{{ $employee->firstname }}</h5>
18                     </div>
19                     <div class="col-md-12 mb-3">
20                         <label for="lastName" class="form-label">Last Name</label>
21                         <h5>{{ $employee->lastname }}</h5>
22                     </div>
23                     <div class="col-md-12 mb-3">
24                         <label for="email" class="form-label">Email</label>
25                         <h5>{{ $employee->email }}</h5>
26                     </div>
27                     <div class="col-md-12 mb-3">
28                         <label for="age" class="form-label">Age</label>
29                         <h5>{{ $employee->age }}</h5>
```

Output



15. Penyesuaian File View untuk Halaman Home dan Profile

- Buka file View pada /views/home.blade.php dan /views/profile.blade.php kemudian sesuaikan kode program nya seperti di bawah ini.



```
11 @extends('layouts.app')
12
13 @section('content')
14     @include('default')
15 @endsection
16 {{-- <nav class="navbar navbar-expand-md navbar-d
17     <div class="container">
18         <a href="{{ route('home') }}" class="navb
```

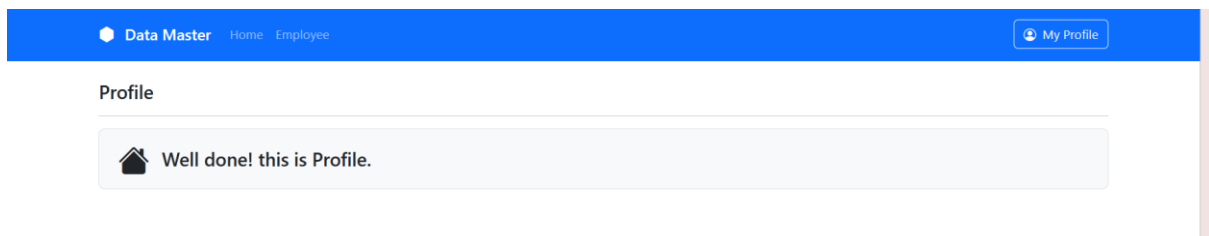
- Fungsi `@extends` → digunakan untuk memanggil template yang telah di deklarasikan pada file `app.blade.php` yang ada di dalam file direktori `layouts`.
- Fungsi `@include` → digunakan untuk menampilkan halaman home dengan memanggil file `default` yang di dalamnya terdapat html yang nantinya akan mengarahkan ke halaman home.

output keseluruhan:

tampilan home



Tampilan my profile



Tampilan employee list

127.0.0.1:8000/employees

Data Master

HomeEmployee


My Profile

Employee List

Create Employee

First Name	Last Name	Email	Age	positions	action
Berlian	Rahmy	berlian.rahmy@gmail.com	23	Back End Developer	
Purnama	Anaking	purnamaanaking@gmail.com	21	System Analist	
Adzanil	Rachmadi	adzanilrachmady@gmail.com	25	Back End Developer	

Create employee



Edit Data

First Name

belinda

Last Name

dewi

Email

belindaagni14@gmail.com

Age

21

Position

SA - System Analist

Cancel

Save