

Tugas 5 Latihan 6.3

Lab Pemrograman Web LARAVEL MVC, ROUTE DAN BLADE FRAGMENT

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Hasil Pengerjaan Soal Latihan 6.3 (Soal modul Pemrograman Web)

Soal:

6.3 Latihan Pembelajaran

1. Jawablah contoh kasus pada section 2.2
2. Jika pada backend memiliki sebuah data array dalam bentuk tabel dibawah ini, bagaimana mengubah bentuk tabel skil akademik menjadi bentuk multiple array ?

Course	Type	Rate
Matematika	Diskrit	4
Matematika	Aljabar Linear	3
Basis Data	DDL	2
Bhs Inggris	Speaker	1

3. Dari soal nomor 2, buatlah modifikasi pada contoh kasus pada gambar 2.3.1. Dimana Ketika mengakses route Profile maka akan menampilkan informasi soal nomor 2 (Route-Controller-View), dimana bentuk array tersebut dikirimkan dari Controller dan ditampilkan ke blade profile. Gunakan blade layout pada contoh kasus ini.
4. Dari hasil kode nomor 3, silahkan anda buat tampilan hasil rendernya menjadi seperti gambar dibawah ini:

Course	Type	Rate
Matematika	Diskrit	☆☆☆☆
	Aljabar Linear	☆☆☆☆
Basis Data	DDL	☆☆☆☆
Bhs Inggris	Speaker	☆☆☆☆

Source Code:

[home.blade.php](#)

```
resources > views > modules > home > home.blade.php > ...
1  @extends('templates.layout')
2
3  @section('content')
4      <div class="card-body" style="margin-top: 90px">
5          <table class="table table-bordered border-dark ">
6              <thead class="table-secondary fs-4 text text-center">
7                  <tr>
8                      <th scope="col">Course</th>
9                      <th scope="col">Type</th>
10                     <th scope="col">Rate</th>
11                 </tr>
12             </thead>
13             <tbody>
14                 @php
15                     $isFirstMatkul = true;
16                 @endphp
17                 @foreach ($data['skill'] as $index => $result)
18                     @if ($result['course'] === 'Matematika')
19                         @if ($isFirstMatkul)
20                             @php
21                                 $colspan = count(array_filter($data['skill'], function($item) {
22                                     return $item['course'] === 'Matematika';
23                                 }));
24                             @endphp
25                             <tr>
26                                 <td rowspan="{{ $colspan }}">{{ $result['course'] }}</td>
27                                 <td>{{ $result['type'] }}</td>
28                                 <td>
29                                     @for ($i = 4; $i >= 0; $i--)
30                                         <i class="bi bi-star{{ $i < $result['rate'] ? '-fill' : '' }}"></i>
31                                     @endfor
32                                 </td>
33                             </tr>
34                             @php
35                                 $isFirstMatkul = false;
36                             @endphp
37                             @else
38                                 <tr>
39                                     <td>{{ $result['type'] }}</td>
40                                     <td>
41                                         @for ($i = 4; $i >= 0; $i--)
42                                             <i class="bi bi-star{{ $i < $result['rate'] ? '-fill' : '' }}"></i>
43                                         @endfor
44                                     </td>
45                                 </tr>
46                             @endif
47                         @else
48                             <tr>
49                                 <td>{{ $result['course'] }}</td>
50                                 <td>{{ $result['type'] }}</td>
51                                 <td>
52                                     @for ($i = 4; $i >= 0; $i--)
53                                         <i class="bi bi-star{{ $i < $result['rate'] ? '-fill' : '' }}"></i>
54                                     @endfor
55                                 </td>
56                             </tr>
57                         @endif
58                     @endforeach
59                 </tbody>
60             </table>
61         </div>
62     @endsection
```

layout.blade.php

```
resources > views > templates > layout.blade.php > html > body > main.container
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <title>TugasLabPW</title>
8   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet"
9     integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0Jh0Jy6hW+ALEwIH" crossorigin="anonymous">
10  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.3/font/bootstrap-icons.min.css">
11 </head>
12
13 <body>
14   <header>
15     @include('templates.header.navigation')
16   </header>
17   <main class="container">
18     @yield('content')
19   </main>
20   <footer></footer>
21   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
22     integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz" crossorigin="anonymous">
23   </script>
24 </body>
25
26 </html>
27
```

navigation.blade.php

```
resources > views > templates > header > navigation.blade.php > nav.navbar.navbar-expand-lg.bg-body-tertiary > div.container-fluid > div#navbarSupportedContent.collapse.navbar-collapse > ul
1 <nav class="navbar navbar-expand-lg bg-body-tertiary">
2   <div class="container-fluid">
3
4     <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
5       aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
6       <span class="navbar-toggler-icon"></span>
7     </button>
8     <div class="collapse navbar-collapse" id="navbarSupportedContent">
9       <ul class="navbar-nav me-auto mb-2 mb-lg-0">
10        <li class="nav-item">
11          <a class="nav-link active" aria-current="page" href="#">Home</a>
12        </li>
13        <li class="nav-item">
14          <a class="nav-link" href="#">Link</a>
15        </li>
16        <li class="nav-item dropdown">
17          <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown"
18            aria-expanded="false">
19            Dropdown
20          </a>
21          <ul class="dropdown-menu">
22            <li><a class="dropdown-item" href="#">Action</a></li>
23            <li><a class="dropdown-item" href="#">Another action</a></li>
24            <li>
25              <hr class="dropdown-divider">
26            </li>
27            <li><a class="dropdown-item" href="#">Something else here</a></li>
28          </ul>
29        </li>
30        <li class="nav-item">
31          <a class="nav-link disabled" aria-disabled="true">Disabled</a>
32        </li>
33      </ul>
34      <form class="d-flex" role="search">
35        <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
36        <button class="btn btn-outline-success" type="submit">Search</button>
37      </form>
38    </div>
39  </nav>
40
41
```

HomeController.php

```
app > Http > Controllers > HomeController.php > HomeController
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class HomeController extends Controller{
8  public function index()
9  {
10     $data = [
11         "title" => "Matkul",
12     ];
13     $skill[] = array("course" => "Matematika", "type" => "Diskrit", "rate" => 4);
14     $skill[] = array("course" => "Matematika", "type" => "Aljabar Linear", "rate" => 3);
15     $skill[] = array("course" => "Basis Data", "type" => "DDL", "rate" => 2);
16     $skill[] = array("course" => "Bhs Inggris", "type" => "Speaker", "rate" => 1);
17     $data['skill'] = $skill;
18     return view("modules.home.home", ["data" => $data]);
19 }
20
21 }
```

web.php

```
routes > web.php
1  <?php
2
3  use App\Http\Controllers\HomeController;
4  use Illuminate\Support\Facades\Route;
5
6  Route::get('/', [HomeController::class, 'index']);
7
```

Output Program:

