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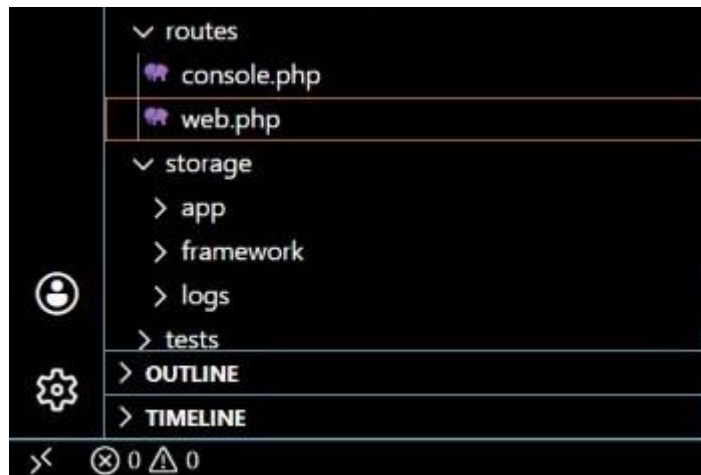
Matkul : Rekayasa Web

Prodi : S1 Teknologi Informasi

Penjelasan

1. Routing

File routing terletak di routes/web.php. Routing dibuat dengan nama **/daftarperkuliahan**. Routing dibuat untuk mengarahkan browser ke method `daftarperkuliahan()` yang ada di controller.



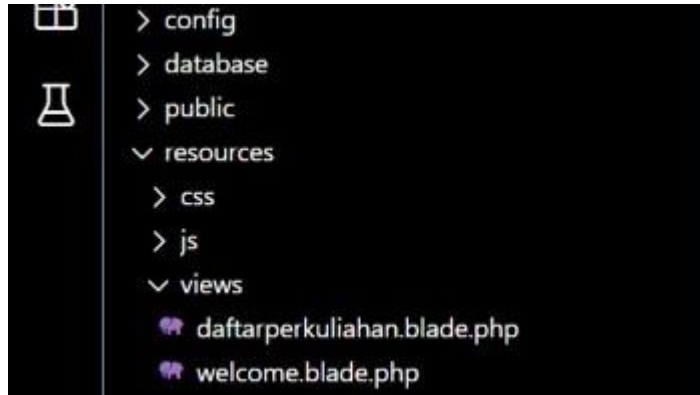
2. Controller

File routing terletak di `app/Http/Controllers/PerkuliahanC.php`. controller dibuat dengan Method dengan nama **daftarperkuliahan()**. Controller dibuat untuk memungkinkan mengirim data perkuliahan (tanpa database) ke view.



3. View

File view terletak di resources/views/daftarperkuliahan.blade.php. view digunakan untuk menampilkan data yang dikirim dari controller dalam bentuk tabel.



Syntaxnya

1. Routing

```
<?php

use App\Http\Controllers\PerkuliahanC;
use Illuminate\Support\Facades\Route;

Route::get('/', function () {
    return view('welcome');
});
Route::get('/daftarperkuliahan', [PerkuliahanC::class,
'index'])
->name('daftarperkuliahan');
```

2. Controller

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class PerkuliahanC extends Controller
{
    public function index()
    {
```

```

// Data tanpa database
$daftar = [
    [
        'no' => 1,
        'hari' => 'Senin',
        'mata_kuliah' => 'NLP (Natural Language
Processing',
        'jam' => '13.00 - 15.10',
        'sks' => 3,
        'dosen' => 'NA & FE'
    ],
    [
        'no' => 2,
        'hari' => 'Selasa',
        'mata_kuliah' => 'Interaksi Manusia dan
Komputer',
        'jam' => '08.00 - 10.00',
        'sks' => 3,
        'dosen' => 'AD'
    ],
    [
        'no' => 3,
        'hari' => 'Selasa',
        'mata_kuliah' => 'Pengujuan Perangkat Lunak',
        'jam' => '10.00 - 12.00',
        'sks' => 3,
        'dosen' => 'NA'
    ],
    [
        'no' => 4,
        'hari' => 'Selasa',
        'mata_kuliah' => 'Data Warehouse',
        'jam' => '13.00 - 14.00',
        'sks' => 2,
        'dosen' => 'SD'
    ],
    [
        'no' => 5,
        'hari' => 'Rabu',
        'mata_kuliah' => 'Jaringan Switching dan
Wireless',

```

```

        'jam' => '08.00 - 11.12',
        'sks' => 3,
        'dosen' => 'NV'
    ],
    [
        'no' => 6,
        'hari' => 'Rabu',
        'mata_kuliah' => 'Rekayasa Web',
        'jam' => '13.00 - 15.10',
        'sks' => 3,
        'dosen' => 'AR'
    ],
    [
        'no' => 7,
        'hari' => 'Kamis',
        'mata_kuliah' => 'Bahasa Inggris',
        'jam' => '10.00 - 11.40',
        'sks' => 2,
        'dosen' => 'MN'
    ],
    [
        'no' => 8,
        'hari' => 'Kamis',
        'mata_kuliah' => 'Tata Kelola Teknologi
Informasi',
        'jam' => '13.00 - 14.40',
        'sks' => 2,
        'dosen' => 'FE'
    ],
];

return view('daftarperkuliahahan', compact('daftar'));
}
}

```

3. View

```

<!DOCTYPE html>
<html lang="en">

```

```

<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Daftar Perkuliahan</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
</head>

<body>
<div class="container mt-4">
  <h1 class="mb-4">Daftar Perkuliahan</h1>

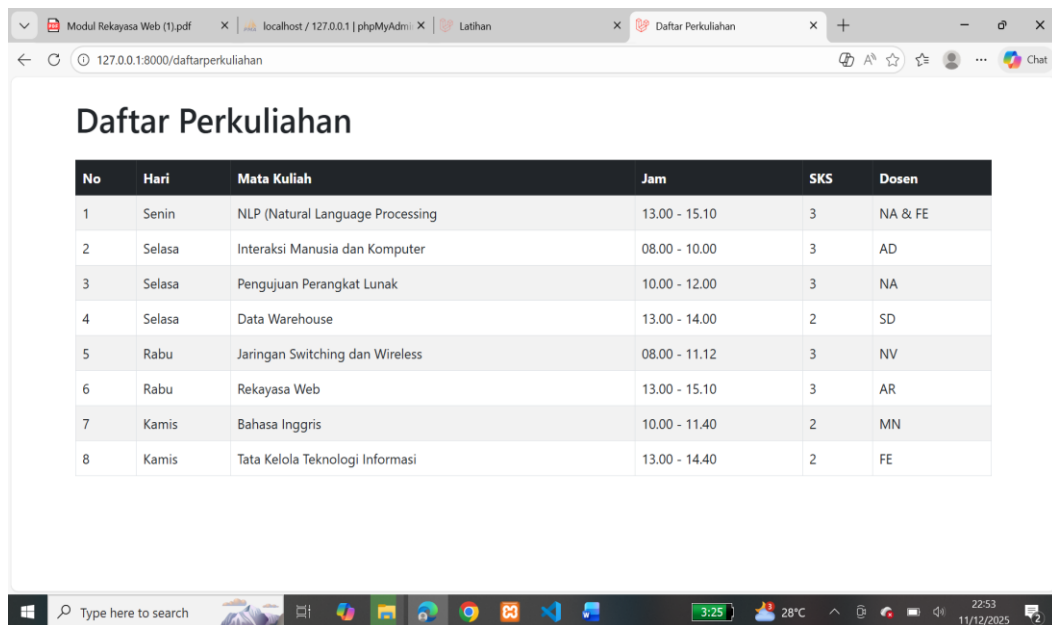
  <table class="table table-bordered table-striped">
    <thead class="table-dark">
      <tr>
        <th>No</th>
        <th>Hari</th>
        <th>Mata Kuliah</th>
        <th>Jam</th>
        <th>SKS</th>
        <th>Dosen</th>
      </tr>
    </thead>
    <tbody>
      @foreach ($daftar as $item)
      <tr>
        <td>{{ $item['no'] }}</td>
        <td>{{ $item['hari'] }}</td>
        <td>{{ $item['mata_kuliah'] }}</td>
        <td>{{ $item['jam'] }}</td>
        <td>{{ $item['sks'] }}</td>
        <td>{{ $item['dosen'] }}</td>
      </tr>
      @endforeach
    </tbody>
  </table>

</div>

```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

Hasilnya



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/daftarperkuliahan'. The page title is 'Daftar Perkuliahan'. Below the title is a table with 6 columns: No, Hari, Mata Kuliah, Jam, SKS, and Dosen. The table contains 8 rows of course data.

No	Hari	Mata Kuliah	Jam	SKS	Dosen
1	Senin	NLP (Natural Language Processing)	13.00 - 15.10	3	NA & FE
2	Selasa	Interaksi Manusia dan Komputer	08.00 - 10.00	3	AD
3	Selasa	Pengujian Perangkat Lunak	10.00 - 12.00	3	NA
4	Selasa	Data Warehouse	13.00 - 14.00	2	SD
5	Rabu	Jaringan Switching dan Wireless	08.00 - 11.12	3	NV
6	Rabu	Rekayasa Web	13.00 - 15.10	3	AR
7	Kamis	Bahasa Inggris	10.00 - 11.40	2	MN
8	Kamis	Tata Kelola Teknologi Informasi	13.00 - 14.40	2	FE

Link github : https://github.com/Diesjwoo/TugasRekayasaWeb7_002