



Controller

Universitas Multi Data
Palembang

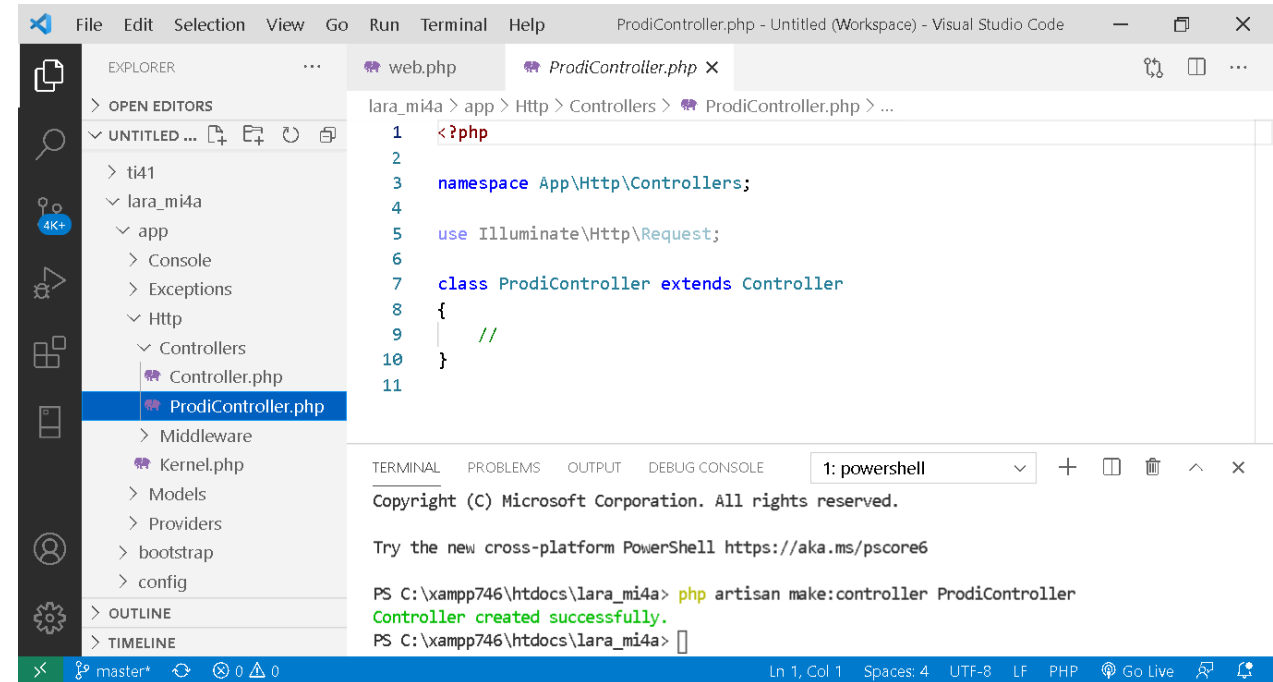


Pengertian

- Controller merupakan komponen dari MVC yang bertugas untuk memproses semua request untuk ditampilkan pada View.
- Ketika user mengakses halaman web melalui web browser, route akan membaca alamat dan route dapat meneruskan ke Controller.
- Route dapat berisi logika program, akses model untuk mengambil data dari database, serta menampilkannya ke View.

Membuat Controller

- **php artisan make:controller ProdiController**
- **Perintah ini akan menghasilkan file ProdiController**



The screenshot shows the Visual Studio Code interface with a new file named `ProdiController.php` being created. The Explorer sidebar on the left shows the project structure, with `ProdiController.php` highlighted under the `Controllers` directory. The main editor area displays the following PHP code:

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 class ProdiController extends Controller
8 {
9     //
10 }
11
```

Below the editor, the Terminal panel shows the command `php artisan make:controller ProdiController` being executed, with the output `Controller created successfully.`

Membuat Controller

web.php ProdiController.php index.blade.php X

lara_mi4a > resources > views > prodi > index.blade.php > ...

```
1 @extends('layout.master')
2 @section('title', 'Halaman Prodi')
3
4 @section('content')
5 <h2>Prodi</h2>
6 ini halaman prodi
7 @endsection
```

web.php X ProdiController.php index.blade.php maste

lara_mi4a > routes > web.php > ...

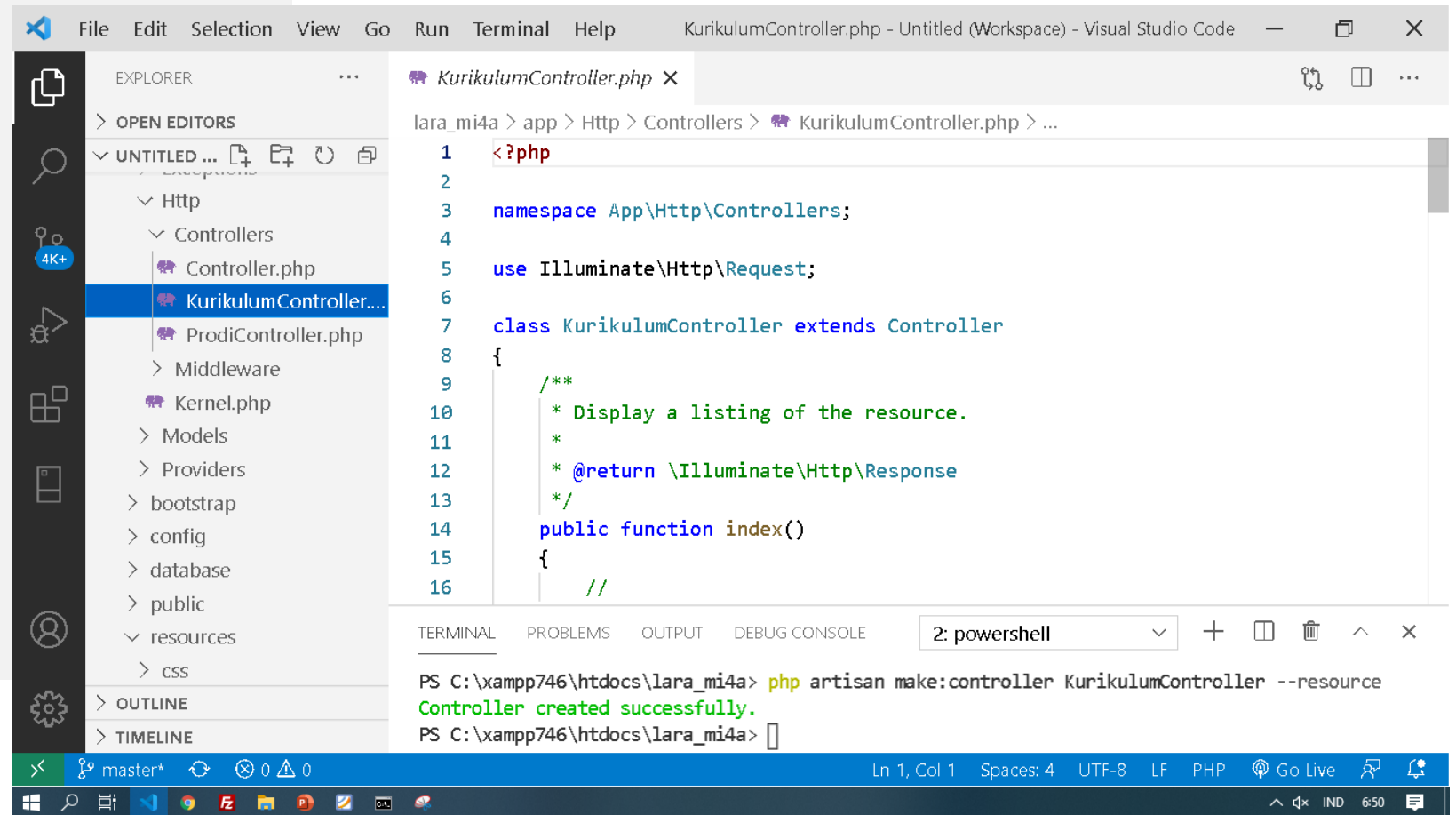
```
40 Route::get('/prodi', [ProdiController::class, 'index']);
41
```

web.php ProdiController.php X index.blade.php master.b

lara_mi4a > app > Http > Controllers > ProdiController.php > ...

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 class ProdiController extends Controller
8 {
9     //
10    public function index()
11    {
12        $kampus = "Universitas Multi Data Palembang";
13        return view('prodi.index')->with('kampus', $kampus);
14    }
15 }
```

Membuat Controller



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left. The file tree is expanded to show the project structure: > OPEN EDITORS, > UNTITLED..., > Http, > Controllers, and KurikulumController.php is selected. The main editor displays the code for KurikulumController.php, which includes a namespace declaration, an import for Illuminate\Http\Request, and a class definition that extends Controller. The class has a docblock for the index method and a public function index(). The terminal at the bottom shows the command 'php artisan make:controller KurikulumController --resource' being executed, resulting in the message 'Controller created successfully.'.

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 class KurikulumController extends Controller
8 {
9     /**
10      * Display a listing of the resource.
11      *
12      * @return \Illuminate\Http\Response
13      */
14     public function index()
15     {
16         //
```

TERMINAL | 2: powershell

PS C:\xampp746\htdocs\lara_mi4a> php artisan make:controller KurikulumController --resource
Controller created successfully.
PS C:\xampp746\htdocs\lara_mi4a>

- **php artisan make:controller KurikulumController --resource**
- **Perintah ini menghasilkan file KurikulumController.php dengan 7 fungsi yang dibutuhkan untuk CRUD**