

Web Development 1 Documentation (LAB 5)

Part 1: Create and Register Controllers (Homepage Controller & Dashboard Controller)

Explanation: Homepage & Dashboard Controller is used to handle Homepage Logic and Dashboard in our application or website.

```
<?php

use Illuminate\Support\Facades\Route;
use App\Http\Controllers\HomeController;
use App\Http\Controllers\DashboardController;
use App\Http\Controllers\LoginController;

Route::get('/', action: [HomeController::class, 'index'])->name(name: 'home');

Route::middleware(['auth'])->group(callback: function (): void {
    Route::get('/dashboard/{userId}', action: [DashboardController::class, 'index'])->name(name: 'dashboard');
});
```

Explanation: Register Controllers in the web.php or route file of the application in order to use them in routes. For example the HomeController to call the index method to redirect the user to the “homepage” view. This also applies to the DashboardController that redirects the user to the “dashboard” for the dashboard specific functions like site navigation.

```
app > Http > Controllers > 🐾 HomeController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  2 references | 0 implementations
8  class HomeController extends Controller
9  {
10     1 reference | 0 overrides
11     public function index(): Factory|View
12     {
13         return view(view: 'home');
14     }
15 }
```

```
app > Http > Controllers > 🐾 DashboardController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  2 references | 0 implementations
8  class DashboardController extends Controller
9  {
10     1 reference | 0 overrides
11     public function index($userId): Factory|View
12     {
13         //Fetch user-specific data based on the user ID
14         $user = User::find($userId);
15
16         return view(view: 'dashboard', data: ['user' => $user]);
17     }
18 }
```

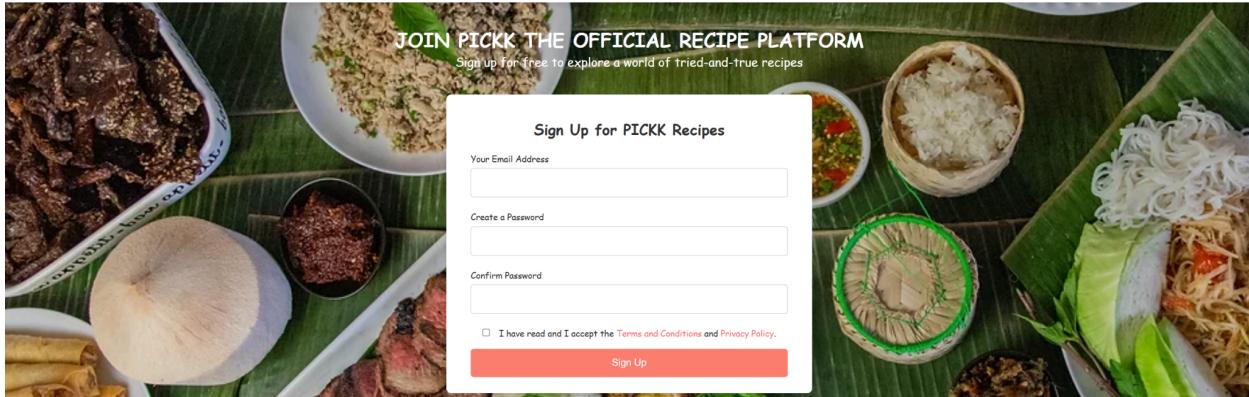
Part 2: Assign Controllers to Routes.

```
routes > routes/web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\HomeController;
5  use App\Http\Controllers\DashboardController;
6  use App\Http\Controllers\LoginController;
7
8
9  Route::get('/', action: [HomeController::class, 'index'])->name('home');
10
11 Route::middleware(['auth'])->group(callback: function () {
12     |     Route::get('/dashboard/{userId}', action: [DashboardController::class, 'index'])->name('dashboard');
13 });
```

Explanation: This implements the “auth” middleware to ensure that certain routes are only accessible by permitted or authenticated users. In order to access certain routes the user must be logged in.

Test routes (e.g. /, /dashboard) to ensure proper page loading.

A screenshot of the PICKK Recipe website showing the login form. The form is titled "Log in" and includes instructions: "Please enter email address and password." It has two input fields: "Email Address" and "Password", both with placeholder text. A "Login" button is at the bottom, followed by a link "Don't have an account? Sign Up". The background shows a blurred view of the website's food content.



Terms of Use

Effective Date: November 15, 2024

Acceptance of Terms

By accessing and using the PICKKK website, you agree to comply with and be bound by these Terms of Use. If you do not agree to these terms, please do not use our website.

Use of the Website

- Violate any local, state, or international laws while using our platform.
- Engage in any activity that disrupts or interferes with the functionality of the website.
- Upload any harmful, illegal, or offensive content to the platform.

User Accounts

To access certain features of the website, you may be required to create an account. You agree to provide accurate and complete information when registering, and you are responsible for maintaining the confidentiality of your account details.

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You retain ownership of the content you upload to PICKKK, but by uploading your content, you grant PICKKK a worldwide, non-exclusive, royalty-free license to use, display, and share your content in accordance with our platform.

Privacy Policy

Effective Date: November 15, 2024

Introduction

Welcome to PICKKK! Your privacy is important to us. This Privacy Policy explains how we collect, use, and protect your information when you use our services.

Information We Collect

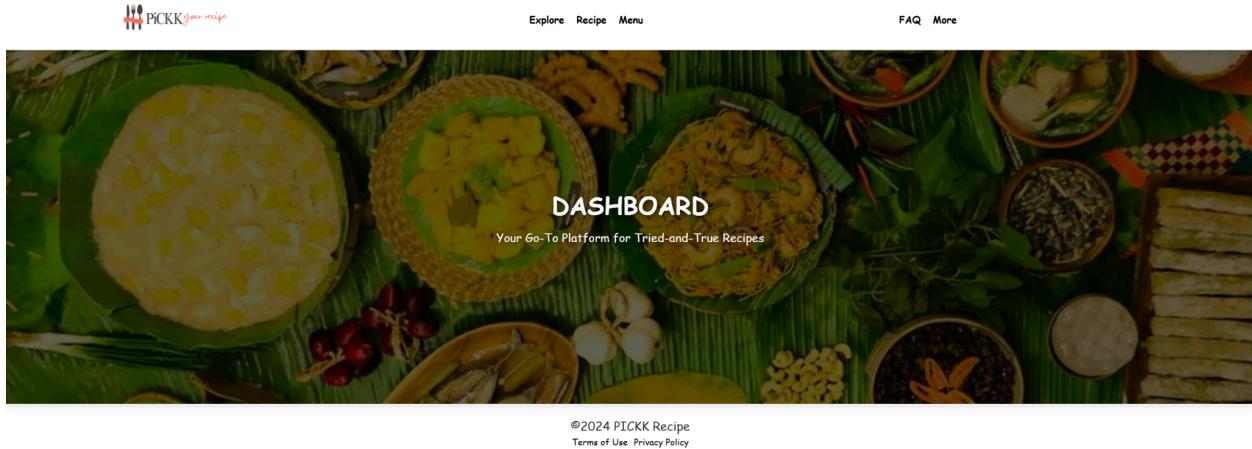
- **Personal Information**: We may ask for personal information – for example, when you submit content to us when you contact us – which may include one or more of the following: Name, Email, Social media profiles, Date of birth, Phone/mobile number.
- **Usage Data**: We collect information about your use of the website, such as your IP address, browser type, pages you visit, and time spent on the platform.
- **Cookies**: We use cookies to enhance your experience. These help us remember your preferences and improve our services.

How We Use Your Information

- To personalize your experience on PICKKK.
- To provide customer support and answer your inquiries.
- To send you promotional content or updates (with your consent).
- To analyze usage trends and improve our website.

Your Data Protection Rights

- **Access**: You can request access to your personal data.



Part 3: Controllers with Parameters

```
app > Http > Controllers > 🏠 DashboardController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  2 references | 0 implementations
8  class DashboardController extends Controller
9  {
10     1 reference | 0 overrides
11     public function index($userId): Factory|View
12     {
13         // Example: Fetch user-specific data based on the user ID
14         $user = User::find($userId); // Make sure to import the User model
15
16         return view(view: 'dashboard', data: ['user' => $user]);
17     }
}
```

Explanation: The DashboardController uses the dynamic parameter \$userId to retrieve their data and then pass it on the “Dashboard” view to display user specific information.