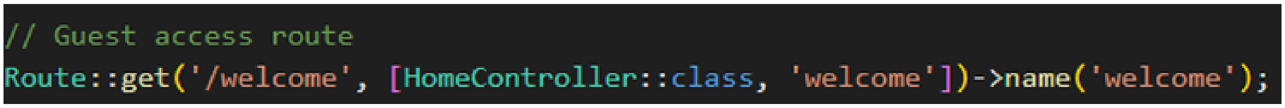
Casimiro, Althea M.
BSIT - 3C

Web Development

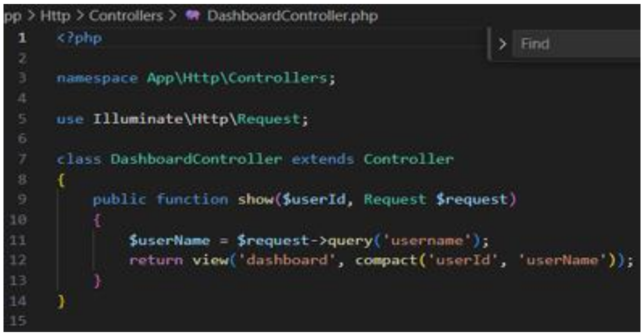
Lab Activity

Controllers

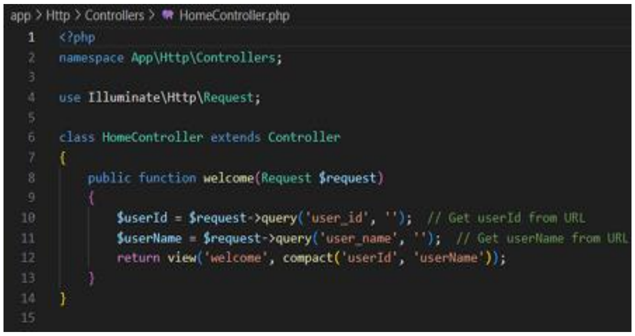
- This is the ***HomeController***.



```php
// Guest access route
Route::get('/welcome', [HomeController::class, 'welcome'])->name('welcome');
```

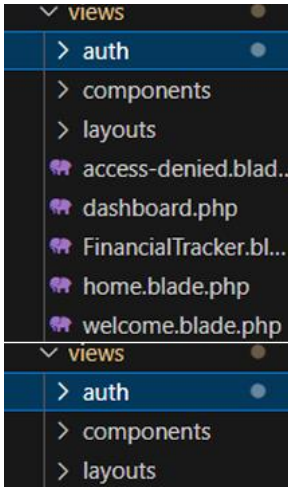


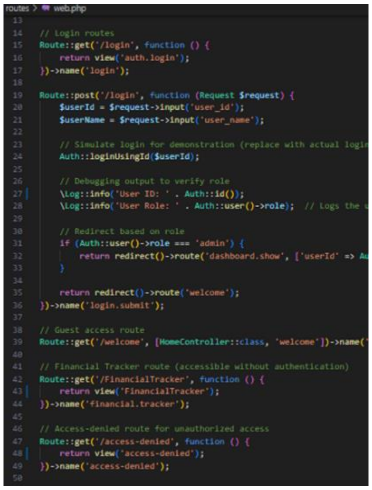
```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class DashboardController extends Controller
{
    public function show($userId, Request $request)
    {
        $userName = $request->query('username');
        return view('dashboard', compact('userId', 'userName'));
    }
}
```



```php
<?php
namespace App\Http\Controllers;

use Illuminate\Http\Request;

class HomeController extends Controller
{
    public function welcome(Request $request)
    {
        $userId = $request->query('user_id', '');  // Get userId from URL
        $userName = $request->query('user_name', '');  // Get userName from URL
        return view('welcome', compact('userId', 'userName'));
    }
}
```

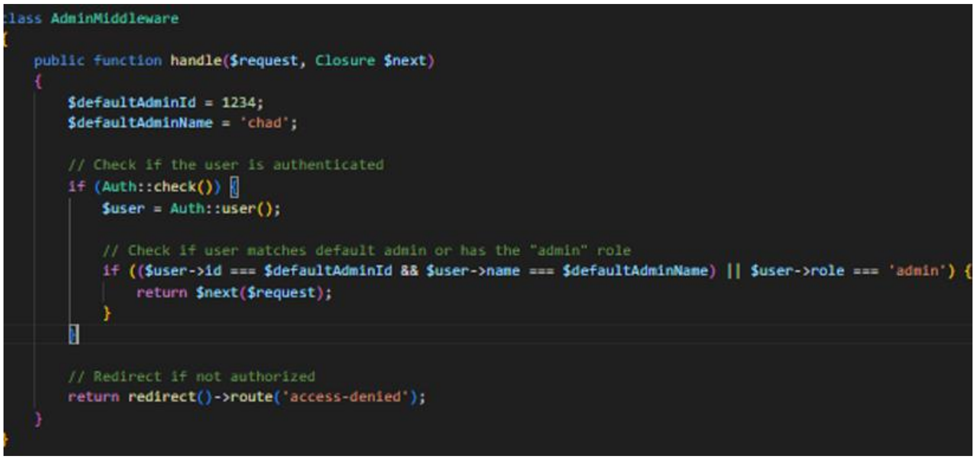
- The ***DashboardController*** handles requests for the admin dashboard, ensuring appropriate data and functionalities are displayed for administrative tasks.
- The ***HomeController*** retrieves user-specific information, such as the user ID and username.
- The route ***Route::get('/welcome', [HomeController::class, 'welcome'])->name('welcome');*** calls the ***welcome*** method in ***HomeController*** to display the welcome page when the ***/welcome*** URL is accessed.
- The ***/dashboard/{userId}*** route is linked to the ***DashboardController*** and executes its ***show*** method to present a user-specific dashboard view.





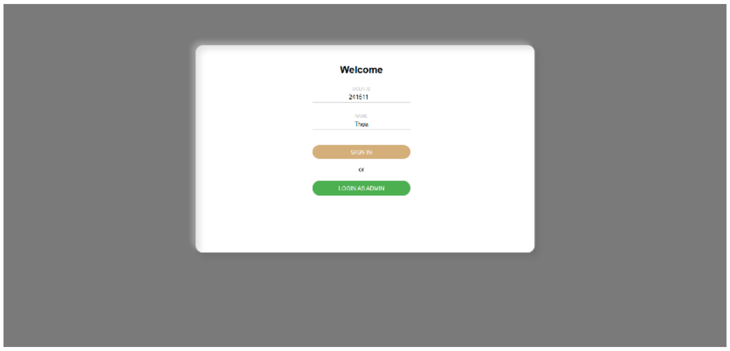
```php
// Login routes
Route::get('/login', function () {
    return view('auth.login');
})->name('login');

Route::post('/login', function (Request $request) {
    $userId = $request->input('user_id');
    $userName = $request->input('user_name');

    // Simulate login for demonstration (replace with actual logi
    Auth::loginUsingId($userId);

    // Debugging output to verify role
    \Log::info('User ID: ' . Auth::id());
    \Log::info('User Role: ' . Auth::user()->role);  // Logs the u

    // Redirect based on role
    if (Auth::user()->role === 'admin') {
        return redirect()->route('dashboard.show', ['userId' => Au
    }

    return redirect()->route('welcome');
})->name('login.submit');

// Guest access route
Route::get('/welcome', [HomeController::class, 'welcome'])->name('

// Financial Tracker route (accessible without authentication)
Route::get('/FinancialTracker', function () {
    return view('FinancialTracker');
})->name('financial.tracker');

// Access-denied route for unauthorized access
Route::get('/access-denied', function () {
    return view('access-denied');
})->name('access-denied');
```

- The two images above are the views and the routes.
- All views shown in the image above are defined in the routes.



```
lass AdminMiddleware

    public function handle($request, Closure $next)
    {
        $defaultAdminId = 1234;
        $defaultAdminName = 'chad';

        // Check if the user is authenticated
        if (Auth::check()) {
            $user = Auth::user();

            // Check if user matches default admin or has the "admin" role
            if (($user->id === $defaultAdminId && $user->name === $defaultAdminName) || $user->role === 'admin') {
                return $next($request);
            }
        }

        // Redirect if not authorized
        return redirect()->route('access-denied');
    }
```

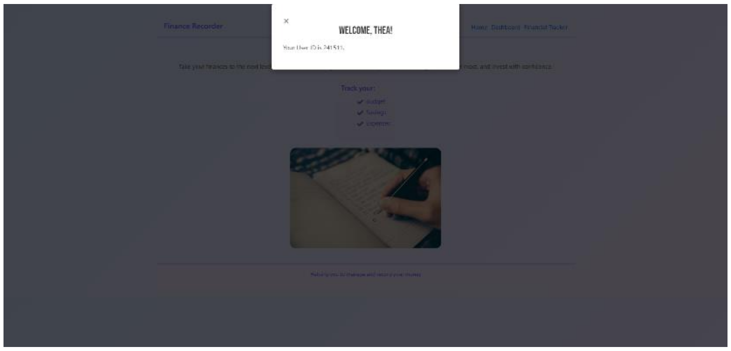
- The ***AdminMiddleware*** verifies whether a user is authorized to access the dashboard page. This check is integrated into the login page, where users can choose to log in as either a regular user or an admin.



Welcome

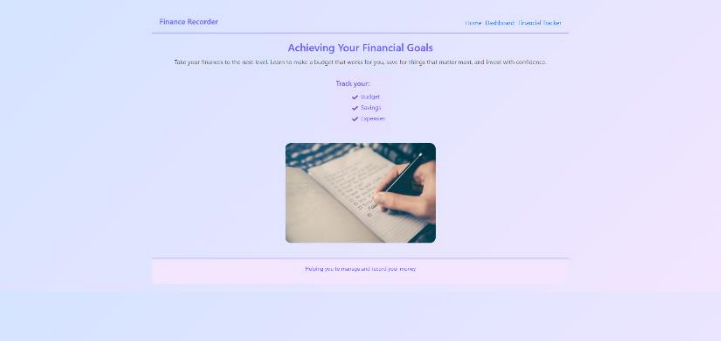
USER ID 241511

NAME Thea



WELCOME, THEA!

Your User ID is 241511.



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- The login page gathers user information, such as the user ID and username, and is associated with ***home.blade.php***. After retrieving the user details, a welcome modal is displayed to greet the user.