Meshe Mae Barquilla **Web Dev** **BSIT 3C**

DOCUMENTATION

It handles rendering the home page. When users access the home route, the controller's index method is called to display the age validation form.

It handles the dashboard interface customized for each user, relying on a user ID to deliver personalized content and boost engagement.

```php
class CheckAge
{
    public function handle(Request $request, Closure $next): Response
    {
        $age = $request->query(key: 'age');

        if ($age && $age < 18) {
            return redirect()->route(route: 'access.denied');
        }

        if ($age && $age >= 18) {
            return redirect()->route(route: 'dashboard.user');
        }

        return $next($request);
    }
}
```
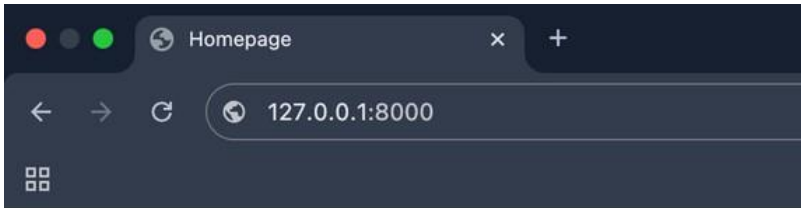
It verifies the user's age by checking the age parameter in the URL. Users 18 and older are granted access to the dashboard, while those under 18 are redirected to an access-denied page, ensuring adherence to age restrictions.


```php
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Dashboard</title>
</head>
<body>
    <h1>Welcome, {{ $username }}.</h1>
</body>
</html>
```

Display the dashboard with the username.

```
                    CheckAge.php          web.php  ×
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\Middleware\CheckAge;
     7
     8    // Home page route with CheckAge middleware
     9    Route::get(uri: '/', action: [HomeController::class, 'index'])
    10        ->middleware(middleware: CheckAge::class)
    11        ->name(name: 'home');
    12
    13    // Dashboard routes with 'dashboard' prefix
    14    Route::prefix(prefix: 'dashboard')->group(callback: function (): void {
    15        // Dashboard main page
    16        Route::get(uri: '/', action: [DashboardController::class, 'index'])
    17            ->name(name: 'dashboard.index');
    18
    19        // User-specific dashboard
    20        Route::get(uri: '/user/{userId}', action: [DashboardController::class, 'show'])
    21            ->name(name: 'dashboard.user');
    22    });
    23
    24    // Access Denied route
    25    Route::get(uri: '/access-denied', action: function (): View {
    26        return view(view: 'access-denied');
    27    })->name(name: 'access.denied');
    28
```
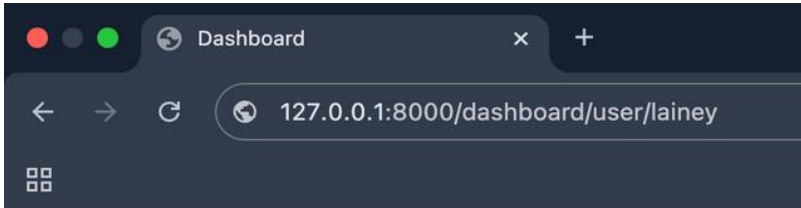
The routing structure in routes/web.php specifies the application's URL endpoints. The home page (/) is secured using the CheckAge middleware, and dashboard routes are grouped under a shared prefix for better organization. An access-denied route is also provided for users who fail to meet the age requirements.
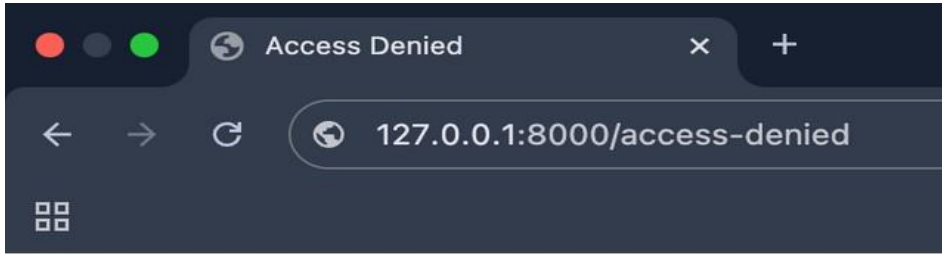

Welcome in the Homepage

Our website's home page enables users to verify their age using a query parameter. For example, accessing localhost:8000/?age=21 redirects the user to their dashboard, while localhost:8000/?age=17 directs them to an access-denied page.
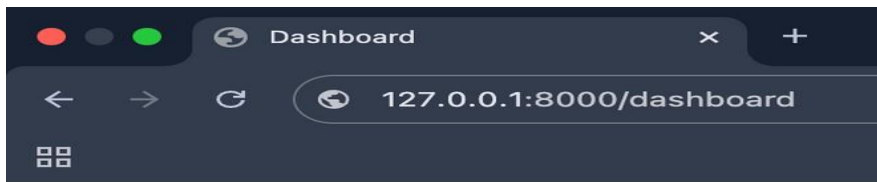

User Dashboard

Welcome, lainey

Users 18 and older are redirected to the dashboard with a user ID parameter, displaying a personalized greeting like "Welcome, Lainey." On the other hand, users under 18 or missing a valid age parameter are sent to an access-denied page, ensuring restricted content remains secure.

Access Denied

The CheckAge middleware checks the age in incoming requests, directing users under 18 to the access-denied page while granting eligible users access to the dashboard.

User Dashboard

Welcome, Elaine

The dashboard page requires a `$userId` parameter to function. With this parameter, it displays a personalized greeting like "Welcome, Elaine," offering a customized experience for each user. This page acts as a central hub, allowing users to view their information and interact with the application using their unique user ID.