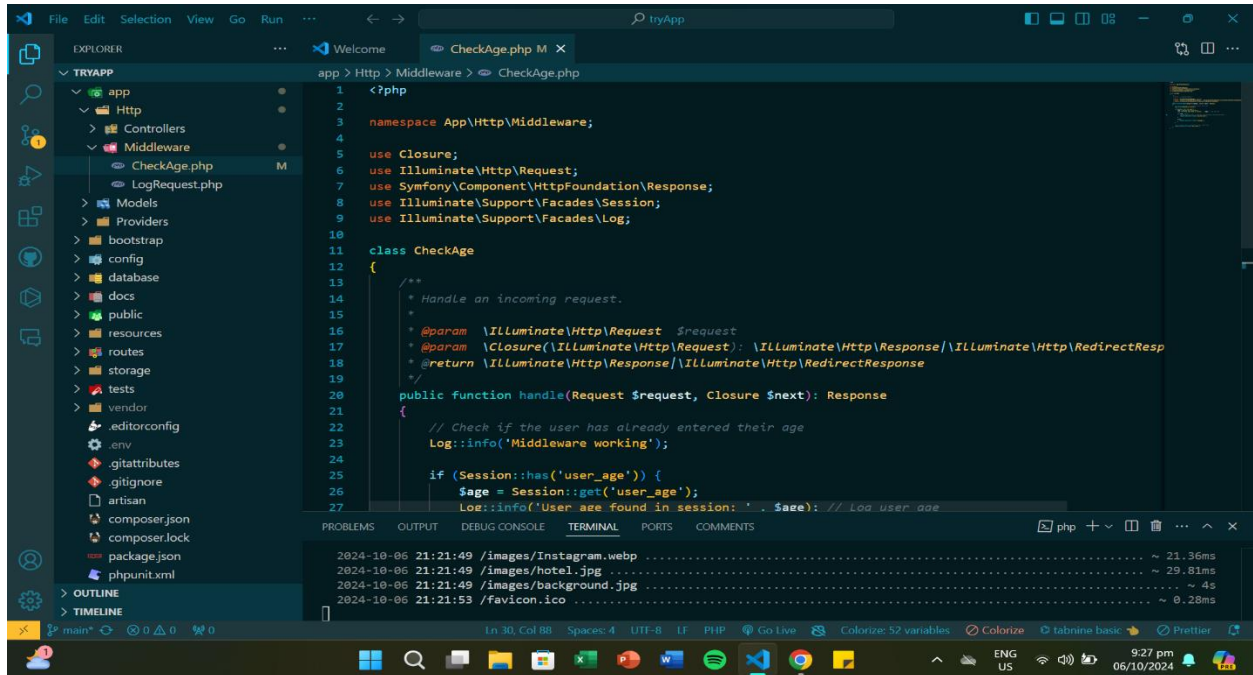


The contents of the recently made and customized CheckAge middleware file within the app/Http/Middleware directory



This screenshot shows the initial state of the `CheckAge.php` middleware file. The Explorer panel on the left shows the project structure with `app > Http > Middleware > CheckAge.php` selected. The editor displays the following PHP code:

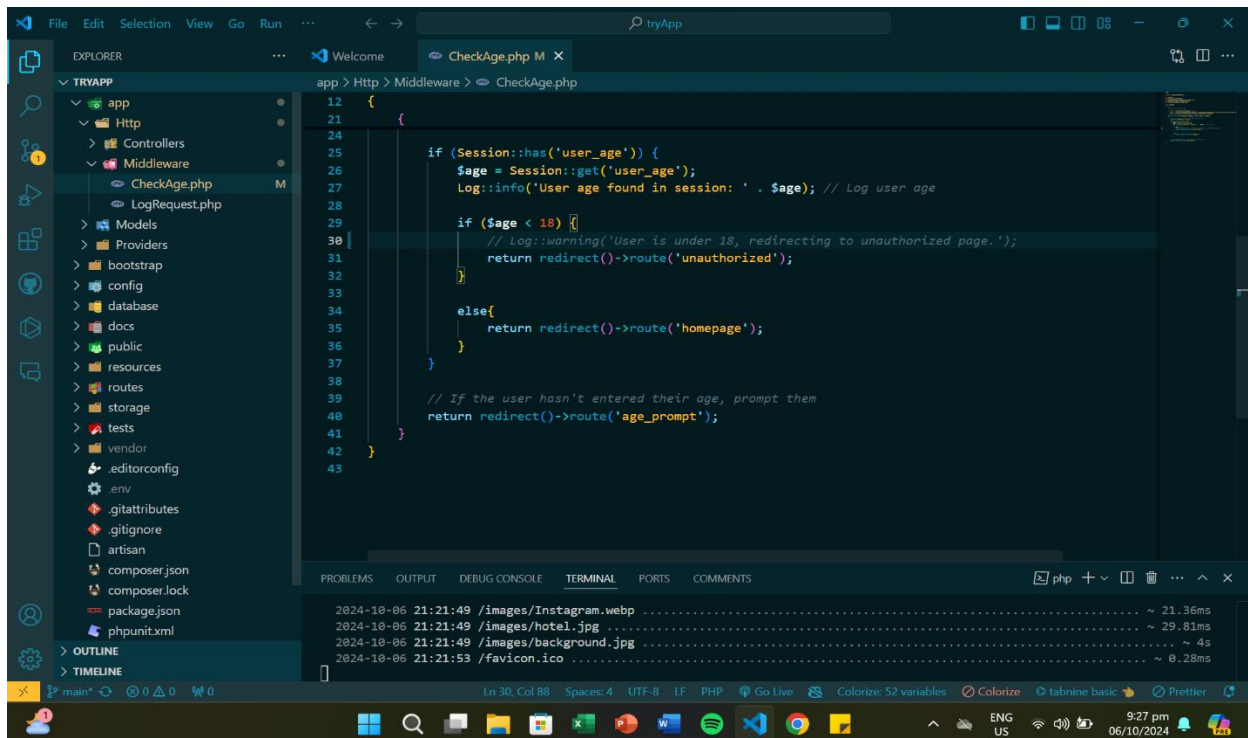
```
<?php
namespace App\Http\Middleware;

use Closure;
use Illuminate\Http\Request;
use Symfony\Component\HttpFoundation\Response;
use Illuminate\Support\Facades\Session;
use Illuminate\Support\Facades\Log;

class CheckAge
{
    /**
     * Handle an incoming request.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  \Closure(\Illuminate\Http\Request): \Illuminate\Http\Response|\Illuminate\Http\RedirectResponse
     * @return \Illuminate\Http\Response|\Illuminate\Http\RedirectResponse
     */
    public function handle(Request $request, Closure $next): Response
    {
        // Check if the user has already entered their age
        Log::info('Middleware working');

        if (Session::has('user_age')) {
            $age = Session::get('user_age');
            Log::info('User age found in session: ' . $age); // Log user age
        }
    }
}
```

The TERMINAL panel at the bottom shows the output of the application, including requests for `/images/Instagram.webp`, `/images/hotel.jpg`, `/images/background.jpg`, and `/favicon.ico` with their respective response times.



This screenshot shows the updated `CheckAge.php` middleware file. The Explorer panel on the left shows the project structure with `app > Http > Middleware > CheckAge.php` selected. The editor displays the following PHP code:

```

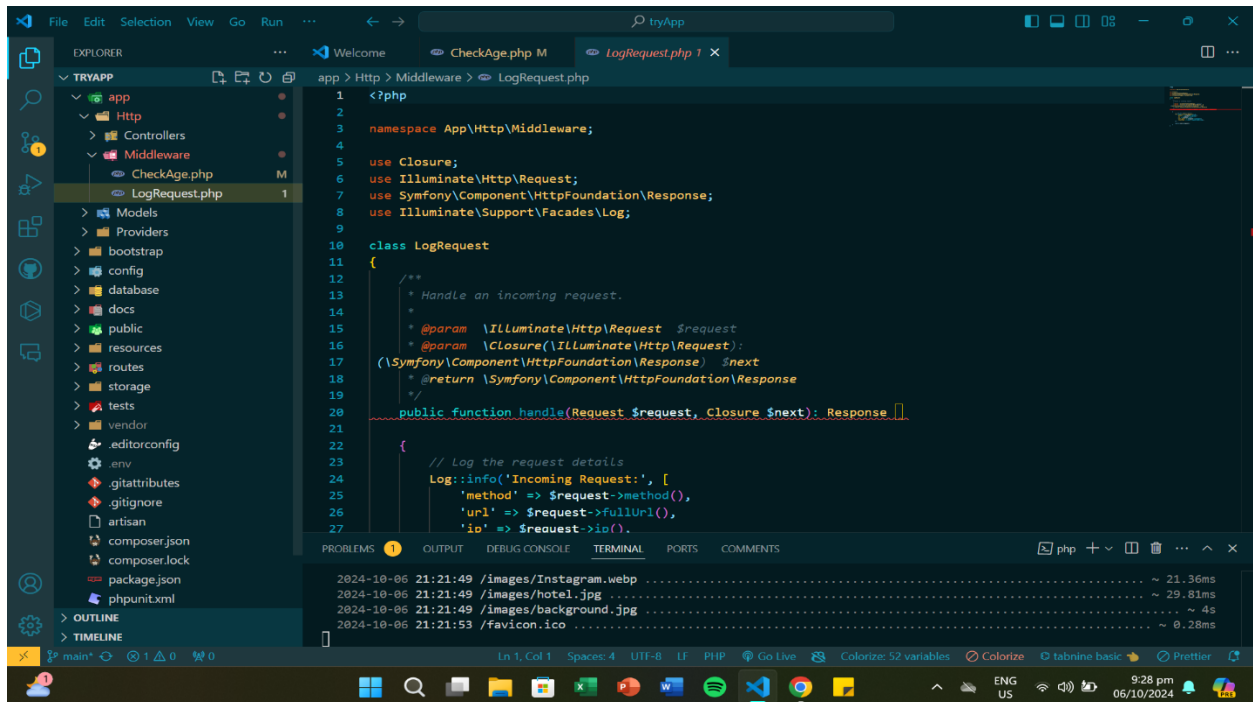
{
    /**
     * Handle an incoming request.
     *
     * @param  \Illuminate\Http\Request  $request
     * @param  \Closure(\Illuminate\Http\Request): \Illuminate\Http\Response|\Illuminate\Http\RedirectResponse
     * @return \Illuminate\Http\Response|\Illuminate\Http\RedirectResponse
     */
    public function handle(Request $request, Closure $next): Response
    {
        // Check if the user has already entered their age
        Log::info('Middleware working');

        if (Session::has('user_age')) {
            $age = Session::get('user_age');
            Log::info('User age found in session: ' . $age); // Log user age

            if ($age < 18) {
                // Log: warning('User is under 18, redirecting to unauthorized page.');
```

The TERMINAL panel at the bottom shows the output of the application, including requests for `/images/Instagram.webp`, `/images/hotel.jpg`, `/images/background.jpg`, and `/favicon.ico` with their respective response times.

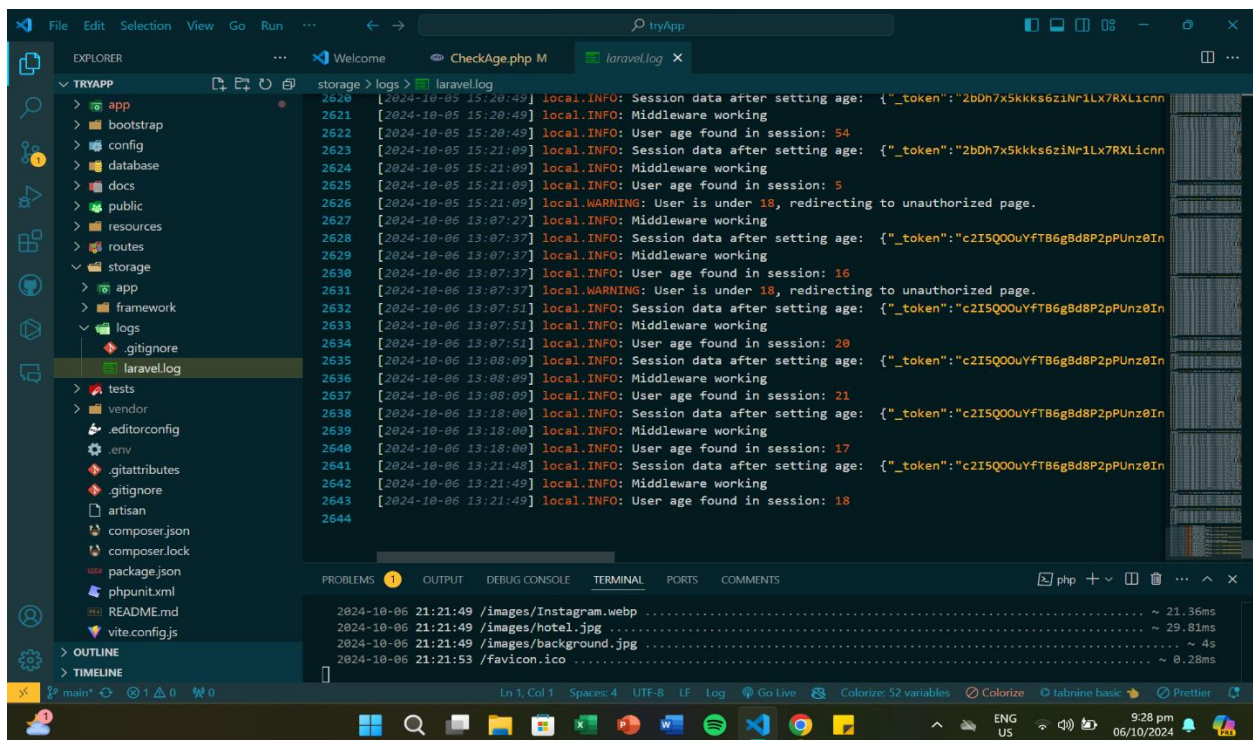
The contents of the recently made and customized LogRequest middleware file within the app/Http/Middleware directory



```
1 <?php
2
3 namespace App\Http\Middleware;
4
5 use Closure;
6 use Illuminate\Http\Request;
7 use Symfony\Component\HttpFoundation\Response;
8 use Illuminate\Support\Facades\Log;
9
10 class LogRequest
11 {
12     /**
13      * Handle an incoming request.
14      *
15      * @param  \Illuminate\Http\Request  $request
16      * @param  \Closure(\Illuminate\Http\Request): (\Symfony\Component\HttpFoundation\Response)  $next
17      * @return \Symfony\Component\HttpFoundation\Response
18      */
19     public function handle(Request $request, Closure $next): Response
20     {
21         // Log the request details
22         Log::info('Incoming Request:', [
23             'method' => $request->method(),
24             'url' => $request->fullUrl(),
25             'ip' => $request->ip(),
26         ]);
27         return $next($request);
28     }
29 }
```

2024-10-06 21:21:49 /images/Instagram.webp ~ 21.36ms
2024-10-06 21:21:49 /images/hotel.jpg ~ 29.81ms
2024-10-06 21:21:49 /images/background.jpg ~ 4s
2024-10-06 21:21:53 /favicon.ico ~ 0.28ms

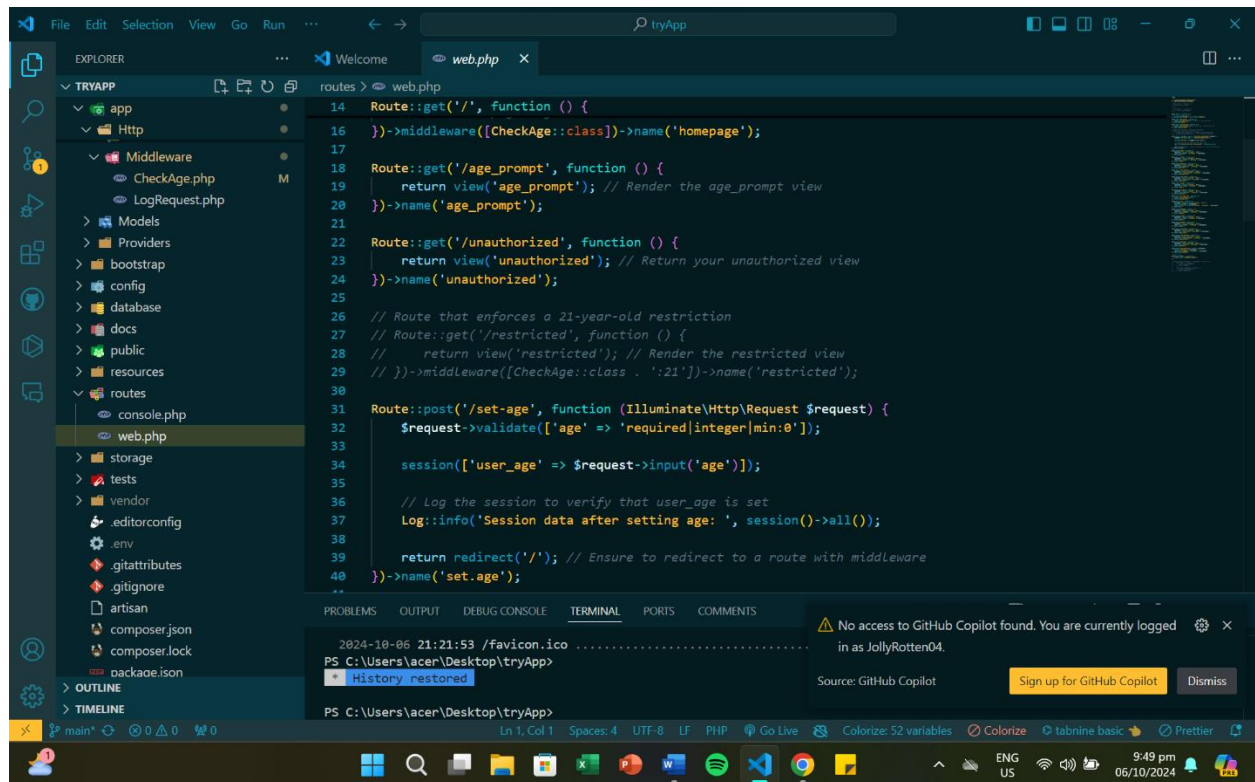
Contents of Laravel.log file, where the requests are being logged



```
2620 [2024-10-06 15:20:43] local.INFO: Session data after setting age: {"_token":"2bDh7x5kks6ziNr1Lx7RXLicnn"}
2621 [2024-10-06 15:20:43] local.INFO: Middleware working
2622 [2024-10-06 15:20:43] local.INFO: User age found in session: 54
2623 [2024-10-06 15:21:00] local.INFO: Session data after setting age: {"_token":"2bDh7x5kks6ziNr1Lx7RXLicnn"}
2624 [2024-10-06 15:21:00] local.INFO: Middleware working
2625 [2024-10-06 15:21:00] local.INFO: User age found in session: 5
2626 [2024-10-06 15:21:00] local.WARNING: User is under 18, redirecting to unauthorized page.
2627 [2024-10-06 13:07:27] local.INFO: Middleware working
2628 [2024-10-06 13:07:37] local.INFO: Session data after setting age: {"_token":"c2I5Q0OuYfTB6g8d8P2pUnz0In"}
2629 [2024-10-06 13:07:37] local.INFO: Middleware working
2630 [2024-10-06 13:07:37] local.INFO: User age found in session: 16
2631 [2024-10-06 13:07:37] local.WARNING: User is under 18, redirecting to unauthorized page.
2632 [2024-10-06 13:07:51] local.INFO: Session data after setting age: {"_token":"c2I5Q0OuYfTB6g8d8P2pUnz0In"}
2633 [2024-10-06 13:07:51] local.INFO: Middleware working
2634 [2024-10-06 13:07:51] local.INFO: User age found in session: 20
2635 [2024-10-06 13:08:09] local.INFO: Session data after setting age: {"_token":"c2I5Q0OuYfTB6g8d8P2pUnz0In"}
2636 [2024-10-06 13:08:09] local.INFO: Middleware working
2637 [2024-10-06 13:08:09] local.INFO: User age found in session: 21
2638 [2024-10-06 13:18:00] local.INFO: Session data after setting age: {"_token":"c2I5Q0OuYfTB6g8d8P2pUnz0In"}
2639 [2024-10-06 13:18:00] local.INFO: Middleware working
2640 [2024-10-06 13:18:00] local.INFO: User age found in session: 17
2641 [2024-10-06 13:21:43] local.INFO: Session data after setting age: {"_token":"c2I5Q0OuYfTB6g8d8P2pUnz0In"}
2642 [2024-10-06 13:21:43] local.INFO: Middleware working
2643 [2024-10-06 13:21:43] local.INFO: User age found in session: 18
2644
```

2024-10-06 21:21:49 /images/Instagram.webp ~ 21.36ms
2024-10-06 21:21:49 /images/hotel.jpg ~ 29.81ms
2024-10-06 21:21:49 /images/background.jpg ~ 4s
2024-10-06 21:21:53 /favicon.ico ~ 0.28ms

The contents of web.php file, where the routes are stored



The screenshot shows the Visual Studio Code editor with the 'web.php' file open. The file contains several PHP routes using the Laravel-like syntax. The routes are as follows:

```
Route::get('/', function () {
    //>middleware([CheckAge::class])>name('homepage');
});

Route::get('/age_prompt', function () {
    return view('age_prompt'); // Render the age_prompt view
})->name('age_prompt');

Route::get('/unauthorized', function () {
    return view('unauthorized'); // Return your unauthorized view
})->name('unauthorized');

// Route that enforces a 21-year-old restriction
// Route::get('/restricted', function () {
//     return view('restricted'); // Render the restricted view
// })->middleware([CheckAge::class . ':21'])>name('restricted');

Route::post('/set-age', function (Illuminate\Http\Request $request) {
    $request->validate(['age' => 'required|integer|min:0']);

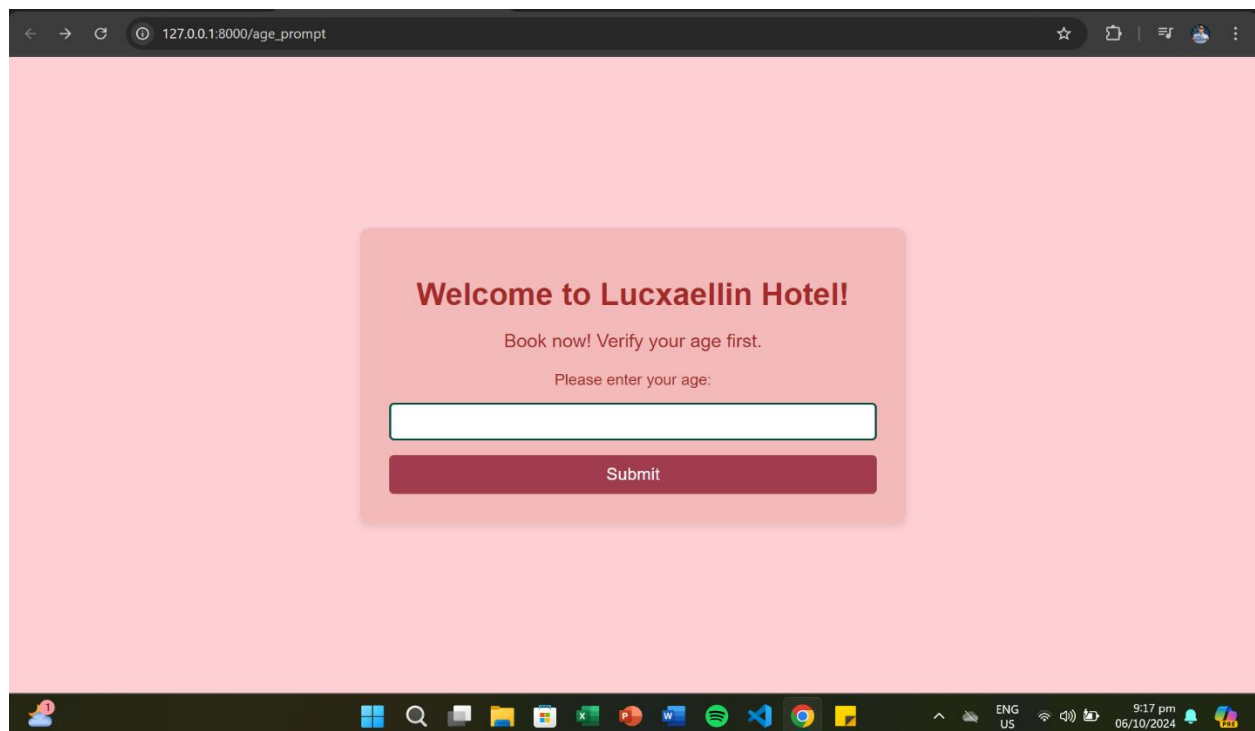
    session(['user_age' => $request->input('age')]);

    // Log the session to verify that user_age is set
    Log::info('Session data after setting age: ', session()->all());

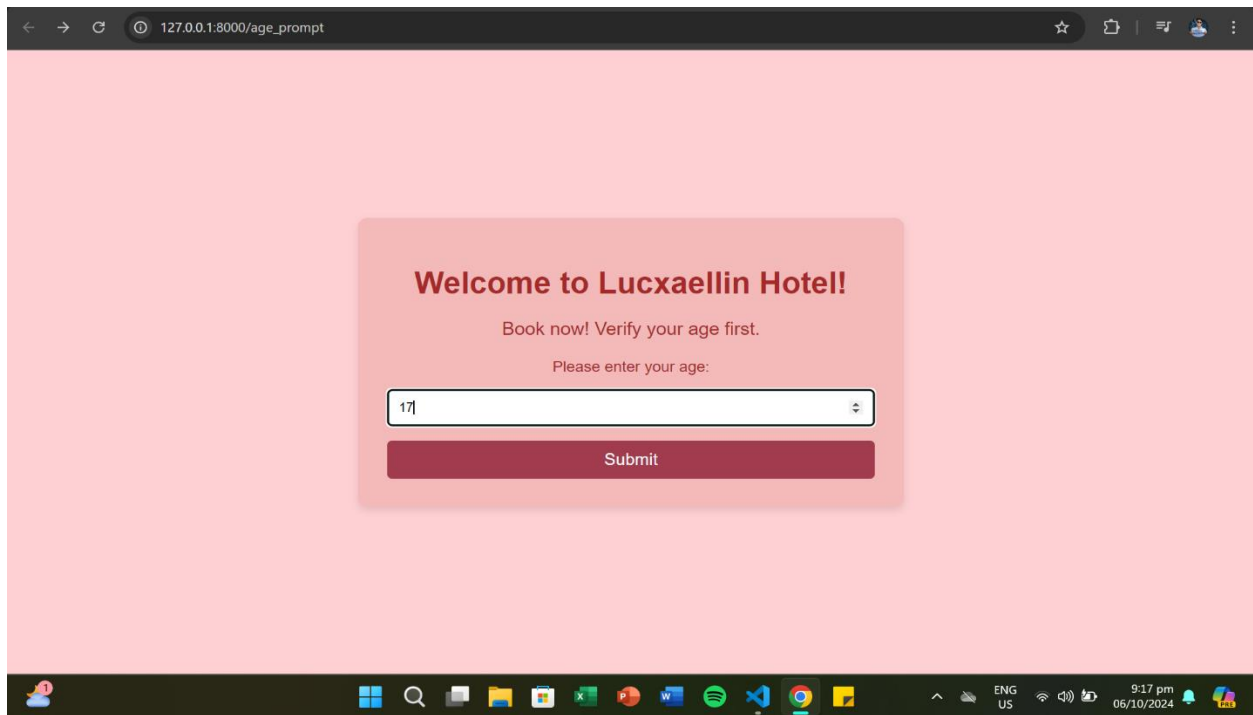
    return redirect('/'); // Ensure to redirect to a route with middleware
})->name('set.age');
```

The Explorer sidebar on the left shows the project structure, with 'web.php' selected under the 'routes' directory. The terminal at the bottom shows the command prompt with the current directory set to 'C:\Users\lacer\Desktop\tryApp'.

Initial display of middleware taking effect before proceeding with the application



Trying out a value that's under the minimum age requirement



127.0.0.1:8000/age_prompt

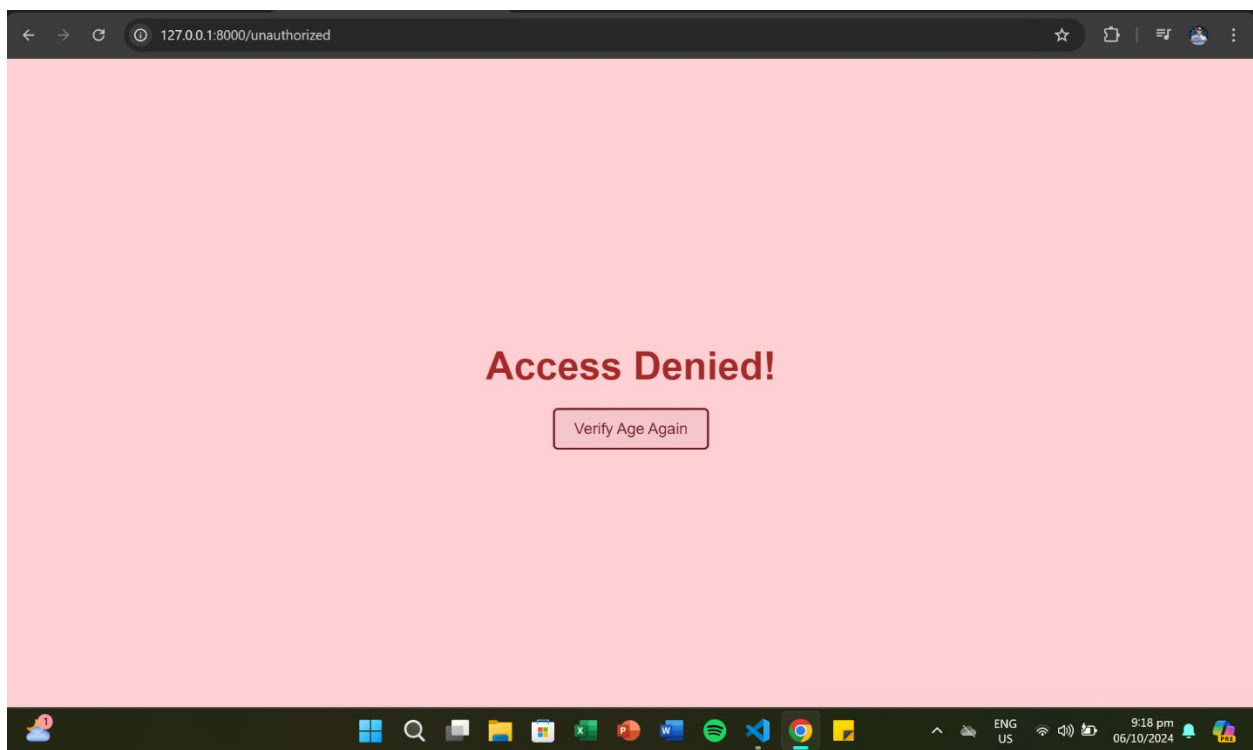
Welcome to Lucxaellin Hotel!

Book now! Verify your age first.

Please enter your age:

Submit

Access denied/unauthorized page redirect if the age of user provided is below the minimum age

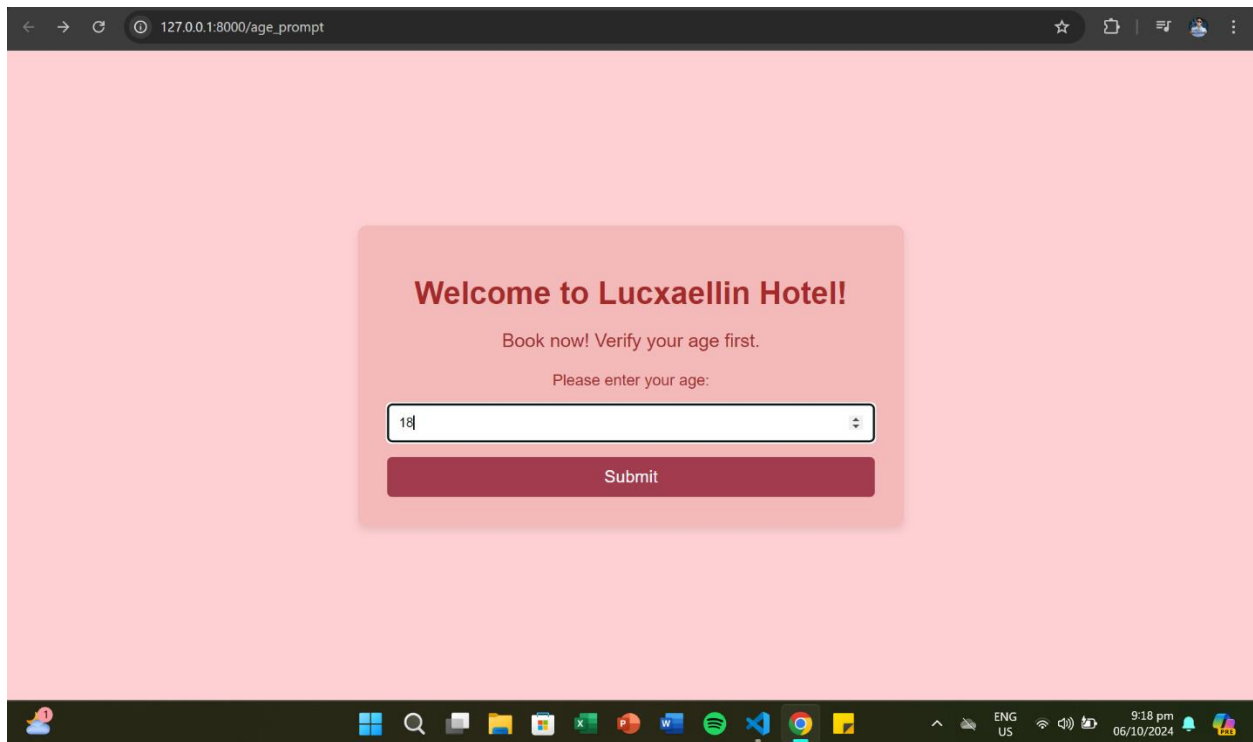


127.0.0.1:8000/unauthorized

Access Denied!

Verify Age Again

Trying out a value equal to or above the minimum age requirement



127.0.0.1:8000/age_prompt

Welcome to Lucxaellin Hotel!

Book now! Verify your age first.

Please enter your age:

Submit

Windows taskbar: ENG US, 9:18 pm, 06/10/2024

Redirected to the main page after age verification

