WEB DEVELOPMENT 2 DOCUMENTATION

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Log Request Middleware
-   Uses a custom log that records every http request on all views. The recorded files are stored in storage/logs/log.txt

```php
app > Http > Middleware > 🐘 LogRequests.php > ...
1    <?php
2
3    namespace App\Http\Middleware;
4
5    use Closure;
6    use Illuminate\Http\Request;
7    use Illuminate\Support\Facades\Log;
8
     4 references | 0 implementations
9    class LogRequests
10   {
11       /**
12        * Handle an incoming request.
13        *
14        * @param  \Illuminate\Http\Request  $request
15        * @param  \Closure  $next
16        * @return mixed
17        */
     0 references | 0 overrides
18       public function handle(Request $request, Closure $next): mixed
19       {
20           $logData = '[' . now() . '] ' . $request->method() . ' ' . $request->fullUrl();
21           Log::channel(channel: 'custom')->info(message: $logData);
22           return $next($request);
23       }
24   }
```

```php
'custom' => [
    'driver' => 'single',
    'path' => storage_path(path: 'logs/log.txt'),
    'level' => 'info',
],
```

```
storage > logs > ≡ log.txt
1    [2024-10-06 14:05:20] local.INFO: [2024-10-06 14:05:20] GET  http://127.0.0.1:8000
2    [2024-10-06 14:05:22] local.INFO: [2024-10-06 14:05:22] GET  http://127.0.0.1:8000/home
3    [2024-10-06 14:05:22] local.INFO: [2024-10-06 14:05:22] GET  http://127.0.0.1:8000/access-denied
4    [2024-10-06 14:05:23] local.INFO: [2024-10-06 14:05:23] GET  http://127.0.0.1:8000/ageverification
5    [2024-10-06 14:05:25] local.INFO: [2024-10-06 14:05:25] GET  http://127.0.0.1:8000/welcome?age=18
6    [2024-10-06 14:05:25] local.INFO: [2024-10-06 14:05:25] GET  http://127.0.0.1:8000
7    [2024-10-06 14:05:33] local.INFO: [2024-10-06 14:05:33] GET  http://127.0.0.1:8000/about
8    [2024-10-06 14:05:34] local.INFO: [2024-10-06 14:05:34] GET  http://127.0.0.1:8000/contact
9    [2024-10-06 14:05:34] local.INFO: [2024-10-06 14:05:34] GET  http://127.0.0.1:8000/home
10   [2024-10-06 14:05:34] local.INFO: [2024-10-06 14:05:34] GET  http://127.0.0.1:8000/access-denied
11   [2024-10-06 14:05:37] local.INFO: [2024-10-06 14:05:37] GET  http://127.0.0.1:8000/ageverification
12
```

Age Verification Middleware

- This middleware serves as the age verification before you can access the homepage view. It has 3 functions, if user inputs less than $minAge(18) they are redirected to access denied view. If the user is over 18 and 21 they are redirected to the homepage view.

```php
1    <?php
2
3    namespace App\Http\Middleware;
4
5    use Closure;
6    use Illuminate\Http\Request;
7
     5 references | 0 implementations
8    class CheckAge
9    {
10       /**
11        * Handle an incoming request.
12        *
13        * @param  \Illuminate\Http\Request  $request
14        * @param  \Closure  $next
15        * @param  int  $minAge
16        * @return mixed
17        */
18
         0 references | 0 overrides
19       public function handle(Request $request, Closure $next, $minAge = 18): Redirector|RedirectResponse
20       {
21           $age = $request->query(key: 'age');
22
23           // If the age is less than the minimum age, redirect to access denied
24           if ($age < $minAge) {
25               return redirect(to: '/access-denied');
26           }
27
28           // If the age is 18 or older, let the request continue to home page
29           if ($age < 21) {
30               return redirect(to: '/');
31           }
32           // If age is 21 or older continue to home page
33           return redirect(to: '/');
34       }
35   }
```

Welcome to Mac and Gab!
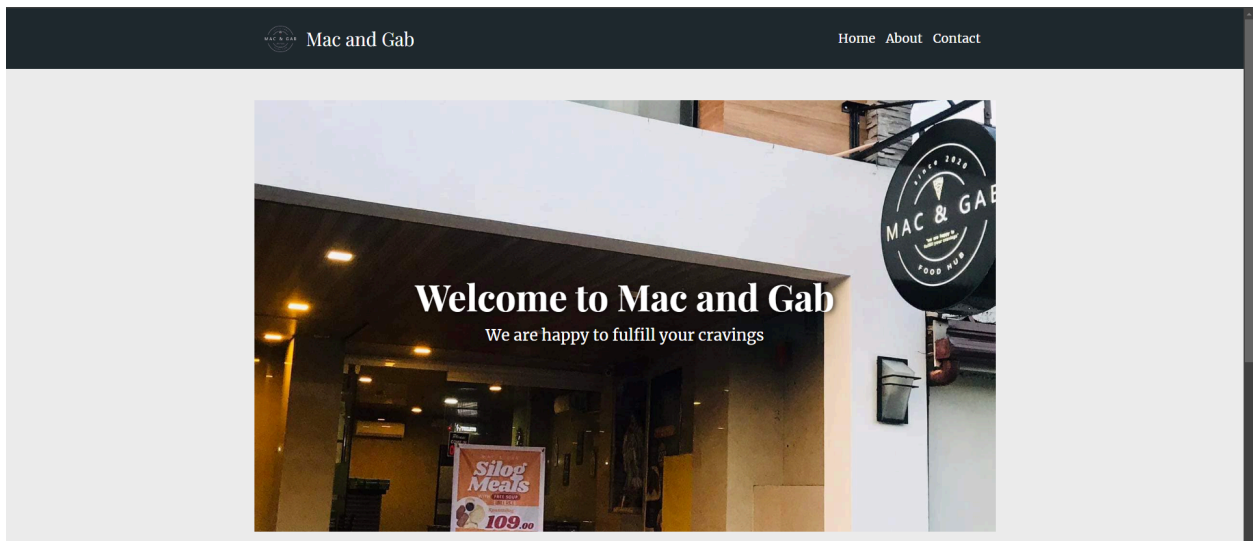
You want to order? Verify your age first.

Enter your age:

Enter your age

Submit

Access Denied

You must verify your age first

You must be at least 18 years old above to order.

Verify Age

Mac and Gab

Home   About   Contact

Welcome to Mac and Gab

We are happy to fulfill your cravings

Silog Meals

109.00

AgeController Controller

Controls the functionality of verifying the age of the user and determines if the user is old enough to order or not.

```php
app > Http > Controllers > 🐘 AgeController.php > ...
 1   <?php
 2
 3   namespace App\Http\Controllers;
 4
 5   use Illuminate\Http\Request;
 6   use Illuminate\Support\Facades\Session;
 7
     1 reference | 0 implementations
 8   class AgeController extends Controller
 9   {
         0 references | 0 overrides
10       public function showForm(): Factory|View
11       {
12           return view(view: 'login'); // Return the login view (which is the form)
13       }
14
         0 references | 0 overrides
15       public function checkAge(Request $request): Redirector|RedirectResponse
16       {
17           // Validate the age input
18           $request->validate(rules: [
19               'check.age' => 'required|integer|min:0',
20           ]);
21
22           // Store the age in session
23           Session::put(key: 'age', value: $request->age);
24
25           // Redirect to the home page after successful age verification
26           return redirect(to: '/home');
27       }
28   }
```