



Bicol University
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Legazpi City, Albay



It Elect. 1 - Web Development 1

LAB 4

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BSIT - 3C



DOCUMENTATION

AGE VERIFICATION (17 BELOW)



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Age Verification

Please enter your age to continue.

Enter your age:

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Age Verification

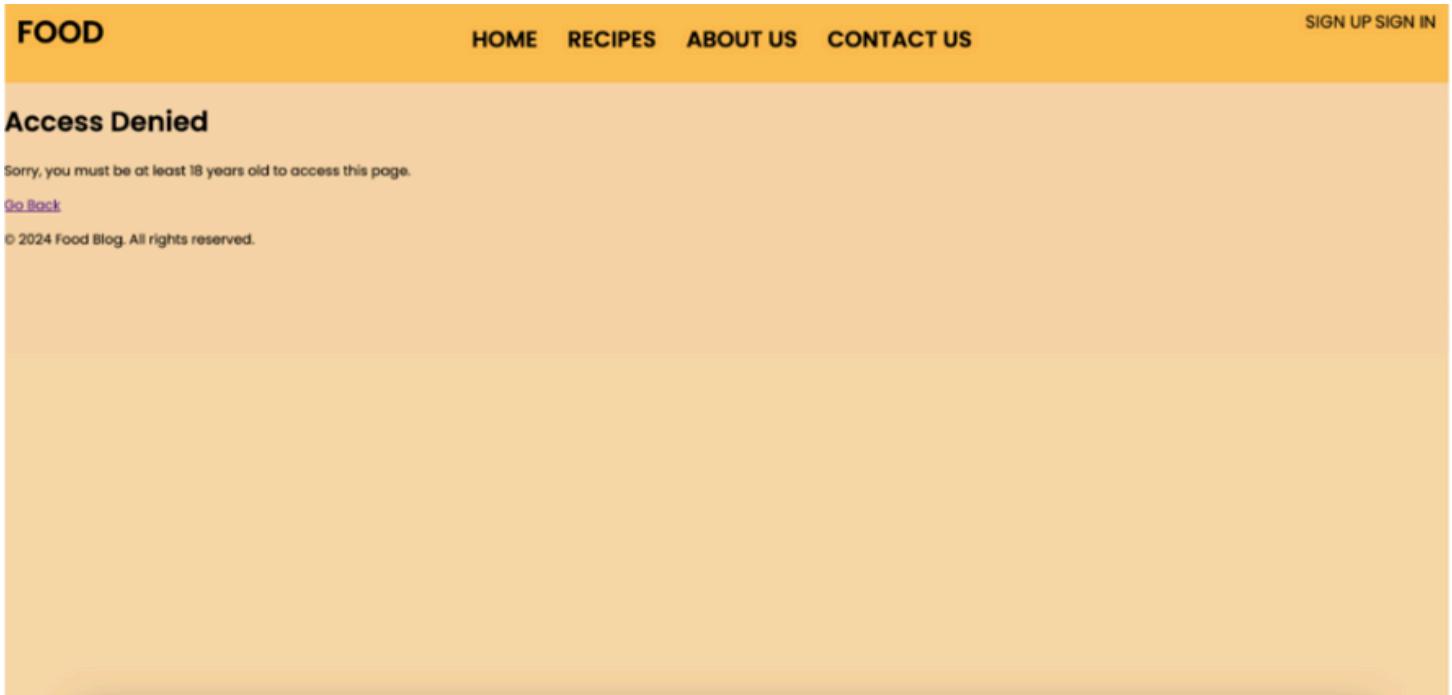
Please enter your age to continue.

Enter your age:

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DOCUMENTATION

When you entered a Age below 18, you cannot enter to this website



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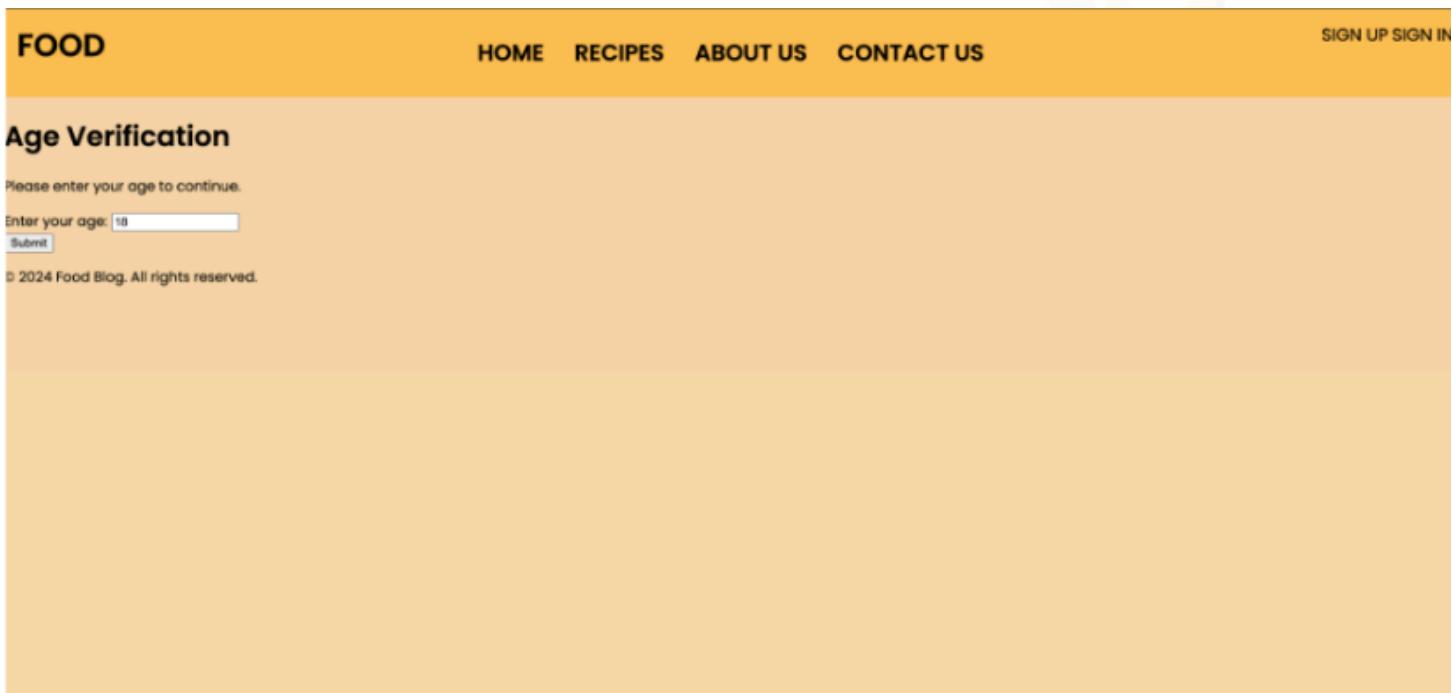
Access Denied

Sorry, you must be at least 18 years old to access this page.

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AGE VERIFICATION (18-20)



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Age Verification

Please enter your age to continue.

Enter your age: [Submit](#)

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Age Verification

Please enter your age to continue.

Enter your age:

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Restricted Area

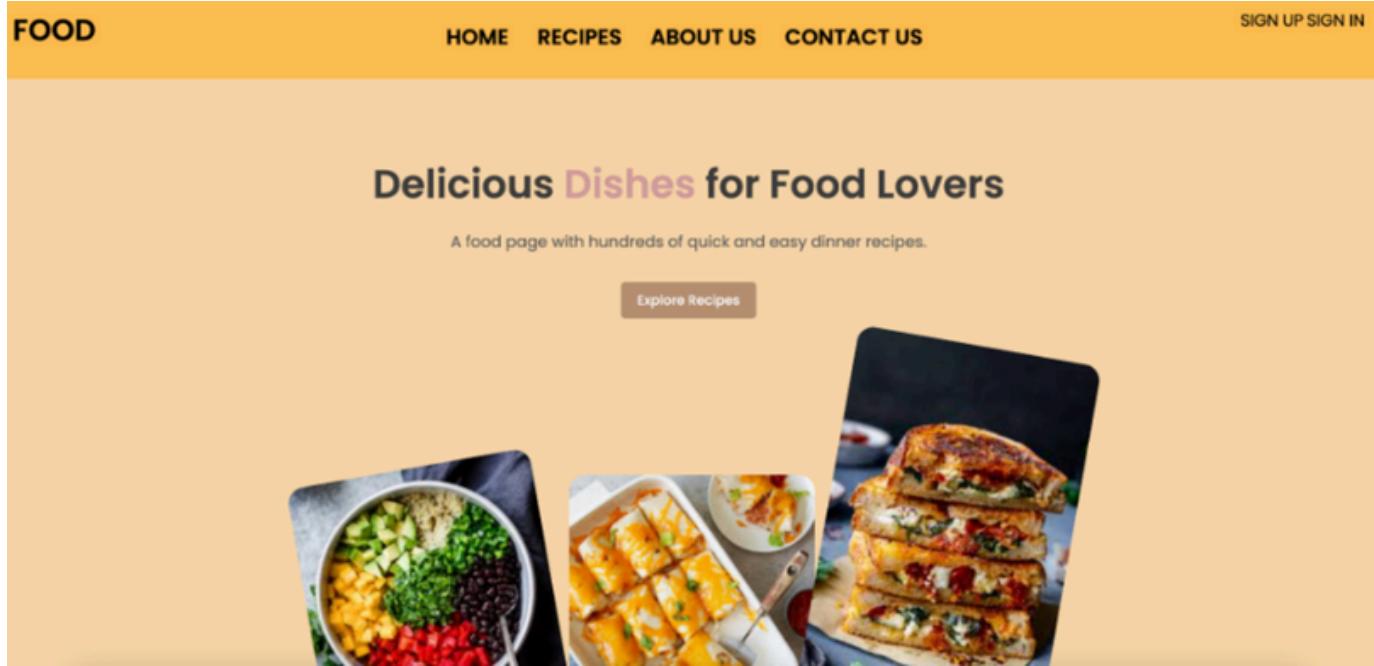
You have access to this area.

[Go Back to Age Verification](#) [Go Home](#)

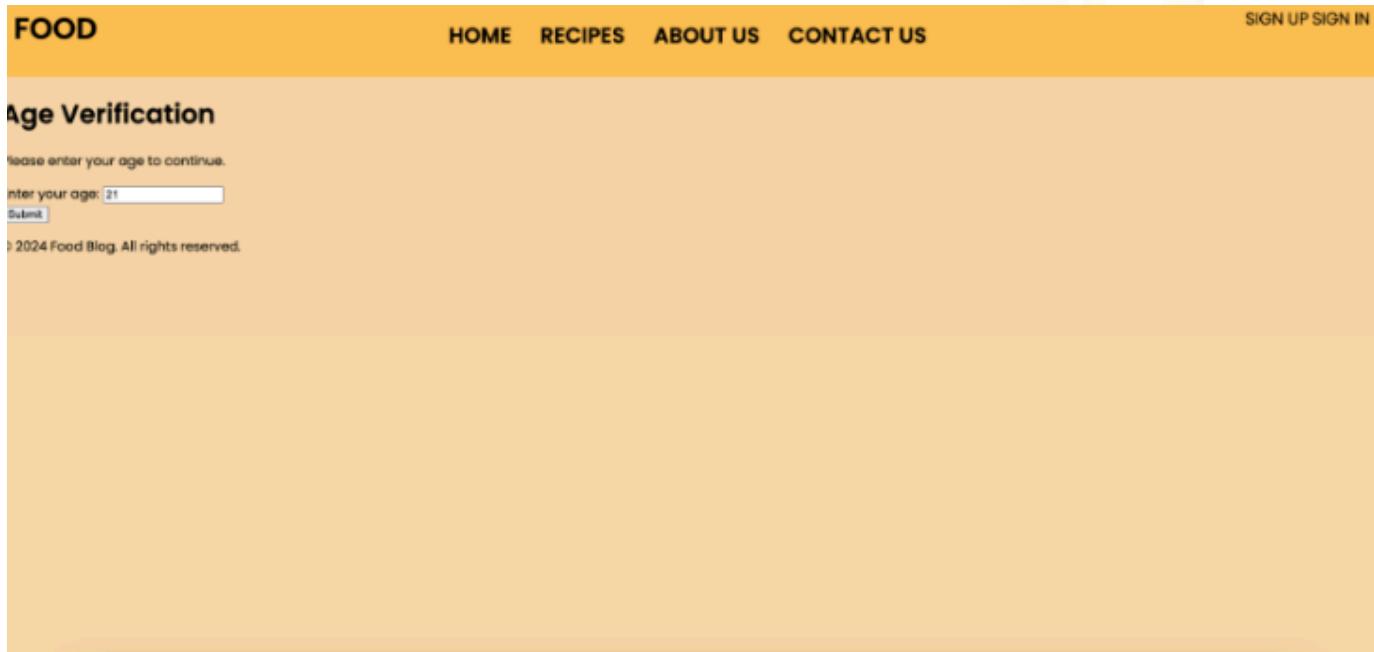
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DOCUMENTATION

After you entered your age from 18 to 20 age in the website from restricted page you can now access the home of the Website



AGE VERIFICATION (21+)



DOCUMENTATION

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Welcome to the Restricted Area for 21+

This content is only accessible to users who are 21 years old or older.

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After you entered your age from 21 above in the website from restricted page you can now access the home of the Website

FOOD

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Delicious Dishes for Food Lovers

A food page with hundreds of quick and easy dinner recipes.

[Explore Recipes](#)



ROUTES:

```
routes > web.php
 1  <?php
 2
 3  use Illuminate\Support\Facades\Route;
 4  use App\Http\Controllers\AgeController;
 5
 6  Route::get('/check-age', function () {
 7      |     return view('Components.check-age');
 8  })->name('check-age');
 9
10 Route::post('/check-age', [AgeController::class, 'storeAge'])->name('store-age');
11
12 // Age restricted route for 18+
13 Route::get('/restricted', function () {
14     |     return view('Components.restricted');
15 })->middleware('check.age:18')->name('restricted');
16
17 // Age restricted route for 21+
18 Route::get('/restricted-21', function () {
19     |     return view('Components.restricted-21');
20 })->middleware('check.age:21')->name('restricted-21');
21
22 Route::get('/access-denied', function () {
23     |     return view('Components.access-denied');
24 })->name('access-denied');
25
26 Route::get('/', function () {
27     |     return view('Components.home');
28 })->name('home');
29
30 Route::get('/about', function () {
31     |     return view('Components.about');
32 })->name('about');
33
34 Route::get('/contact', function () {
35     |     return view('Components.contact');
36 })->name('contact');
37
38 Route::get('/recipes', function () {
39     |     return view('Components.recipes');
40 })->name('recipes');
```

CONTROLLERS:

```
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class AgeController extends Controller
8  {
9      public function storeAge(Request $request)
10     {
11         // Validate the age input
12         $request->validate([
13             |     'age' => 'required|integer|min:0',
14             | ]);
15
16         // Store age in session
17         $request->session()->put('age', $request->input('age'));
18
19         // Redirect based on the age input
20         if ($request->input('age') >= 21) {
21             |     return redirect()->route('restricted-21');
22         } elseif ($request->input('age') >= 18) {
23             |     return redirect()->route('restricted');
24         } else {
25             |     return redirect()->route('access-denied');
26         }
27     }
28 }
```

The "AgeController" validates a user's age, stores it in a session, and redirects them to appropriate routes based on age, typically for controlling access to age-restricted content or feature

MIDDLEWARE:

```
1 <?php
2
3 namespace App\Http\Middleware;
4
5 use Closure;
6 use Illuminate\Http\Request;
7
8 class CheckAge
9 {
10     public function handle(Request $request, Closure $next, $age)
11     {
12         // Get the age from the session
13         $userAge = $request->session()->get('age');
14
15         // If user age is less than the required age, redirect
16         if ($userAge < $age) {
17             return redirect()->route('access-denied');
18         }
19
20         return $next($request);
21     }
22 }
```

```
1 <?php
2
3 namespace App\Http\Middleware;
4
5 use Closure;
6 use Illuminate\Http\Request;
7 use Symfony\Component\HttpFoundation\Response;
8
9 class LogRequests
10 {
11     /**
12      * Handle an incoming request.
13      *
14      * @param \Closure(\Illuminate\Http\Request): (\Symfony\Component\HttpFoundation\Response) $next
15      */
16     public function handle($request, Closure $next)
17     {
18         $log = '[' . now() . '] ' . $request->method() . ' ' . $request->url() . "\n";
19         file_put_contents(storage_path('logs/log.txt'), $log, FILE_APPEND);
20         return $next($request);
21     }
22 }
23
```

The "CheckAge" middleware verifies if the user's age, stored in the session, meets the minimum requirement. If the age is below the limit, the user is redirected to an access-denied route; otherwise, the request proceeds. This is used for routes with age-based access restrictions.

/BOOTHSTRAP/APP.PHP

```
bootstrap > app.php
1  <?php
2
3  use Illuminate\Foundation\Application;
4  use Illuminate\Foundation\Configuration\Exceptions;
5  use Illuminate\Foundation\Configuration\Middleware;
6  use App\Http\Middleware\CheckAge;
7  use App\Http\Middleware\LogRequests;
8
9  return Application::configure(basePath: dirname(__DIR__))
10     ->withRouting(
11         web: __DIR__.'/../routes/web.php',
12         commands: __DIR__.'/../routes/console.php',
13         health: '/up',
14     )
15     ->withMiddleware(function (Middleware $middleware) {
16         // Register global middleware if needed
17         $middleware->append(LogRequests::class); // Assuming LogRequests is for all requests
18
19         // Assign middleware to specific routes using aliases
20         $middleware->alias([
21             'check.age' => CheckAge::class,
22             'log.requests' => LogRequests::class,
23         ]);
24     })
25     ->withExceptions(function (Exceptions $exceptions) {
26         //
27     })->create();
```

The configuration file defines routes for a Laravel application, sets up a health check endpoint (/up), and organizes middleware. It registers global middleware like "LogRequests" for all requests and assigns middleware aliases, such as "CheckAge" for specific routes. It also includes an empty section for exception handling and returns the configured application instance.