

## Part 1: Create and Register New Middleware

### CheckAge Middleware

```
app > Http > Middleware > CheckAge.php
1  <?php
2
3  namespace App\Http\Middleware;
4
5  use Closure;
6  use Illuminate\Http\Request;
7
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     public function handle(Request $request, Closure $next, $minAge)
19     {
20         // Retrieve age from session
21         $age = session('age');
22
23         // Check if age is set and meets the minimum requirement
24         if ($age === null || $age < $minAge) {
25             return redirect()->route('access-denied'); // Redirect to "Access Denied" page
26         }
27
28         return $next($request); // Proceed with the request
29     }
30 }
```

## LogRequest Middleware

```
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
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      */
18     public function handle(Request $request, Closure $next)
19     {
20         // Let the request proceed to the next middleware or controller
21         return $next($request);
22     }
23
24     /**
25      * Perform any final actions after the response has been sent.
26      *
27      * @param  \Illuminate\Http\Request  $request
28      * @param  \Illuminate\Http\Response  $response
29      * @return void
30      */
31     public function terminate(Request $request, $response)
32     {
33         // Log the request details after response has been sent
34         $logMessage = sprintf(
35             "[%s] %s %s\n",
36             now()->toDateTimeString(), // Timestamp
37             $request->method(),         // HTTP method
38             $request->fullUrl()         // Full URL
39         );
40
41         // Append to log.txt file in the storage/logs directory
42         file_put_contents(storage_path('logs/log.txt'), $logMessage, FILE_APPEND);
43     }
44 }
```

## 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         // $middleware->append(CheckAge::class); // CheckAge is registered as a global middleware -- this will be run on every request
17         $middleware->append(LogRequests::class); // LogRequests is registered as global middleware
18         $middleware->alias([
19             'check_age' => CheckAge::class, // Alias for CheckAge for route-specific usage
20             'log_requests' => LogRequests::class, // Alias for CheckAge for route-specific usage
21         ]);
22     })
23     ->withExceptions(function (Exceptions $exceptions) {
24         //
25     })->create();
```

## Part 2: Assign Middleware to Routes

```
101 // Route::middleware(['check_age'])->group(function () {
102 //     Route::get('/dashboard', function () {
103 //         return view('dashboard'); // This route will be protected
104 //     })->name('dashboard');
105
106 //     Route::get('/source-code', function () {
107 //         return view('source-code'); // restricted content that requires age verification
108 //     })->name('source-code');
109 // });
```

## Part 3: Create Middleware with Parameters

```
13  * @param \Illuminate\Http\Request $request
14  * @param \Closure $next
15  * @param int $minAge
16  * @return mixed
17  */
18  public function handle(Request $request, Closure $next, $minAge)
19  {
20      // Retrieve age from session
21      $age = session('age');
22
23      // Check if age is set and meets the minimum requirement
24      if ($age === null || $age < $minAge) {
25          return redirect()->route('access-denied'); // Redirect to "Access Denied" page
26      }
27
28      return $next($request); // Proceed with the request
29  }
30 }
```

```

114 Route::get('/dashboard', function () {
115     return view('dashboard'); // Your dashboard view
116 })->middleware('check_age:18')->name('dashboard');
117
118 // Route for restricted source code page with age restriction of 18
119 Route::get('/source-code', function () {
120     return view('source-code'); // Your source code view
121 })->middleware('check_age:18')->name('source-code');
122
123 // New route for a different age restriction (e.g., 21 years old)
124 Route::get('/code-tutorials', function () {
125     return view('code-tutorials'); // Your restricted area view
126 })->middleware('check_age:21')->name('code-tutorials');

```

## Part 4: Documentation

### A. Blade Template Files

#### layout.blade.php

```

resources > views > components > layout.blade.php
1 <!DOCTYPE html>
2 <html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1">
6     <meta content="portfolio,homepage,james,anthony,rosales" name="keywords">
7
8     <title>@yield('title')</title>
9
10    <link rel="preconnect" href="https://fonts.googleapis.com">
11    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
12    <link href="https://fonts.googleapis.com/css2?family=Kaleway:ital,wght@0,100..900;1,100..900&display=swap" rel="stylesheet">
13
14    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
15    <link href="https://cdnjs.cloudflare.com/ajax/libs/icomoon/1.0.1/icomoon.min.css" rel="stylesheet">
16    <link href="https://cdnjs.cloudflare.com/ajax/libs/remixicon/2.5.0/remixicon.css" rel="stylesheet">
17    <link href="https://cdnjs.cloudflare.com/ajax/libs/boxicons/2.0.7/css/boxicons.min.css" rel="stylesheet">
18
19    <link href="{{ asset('asset/css/style.css') }}" rel="stylesheet">
20 </head>
21
22 <body>
23
24     <header id="header" class="{{ (request()->is('/') ? 'header-tops' : 'header-top') }}">
25         <div class="container">
26             <h1 class="{{ (request()->is('/') ? '' : 'd-none') }}"><a href="{{ route('homepage') }}">RoQ Collective Portfolio</a></h1>
27             <h2 class="{{ (request()->is('/') ? '' : 'd-none') }}" style="color:#fff">We <span class="typing" style="color:#a2d2ad"></span></h2>
28
29             <nav class="nav-menu d-none d-lg-block" id="{{ (request()->is('/') ? 'center' : '') }}">
30                 <ul>
31                     <li class="{{ (request()->is('/') ? 'active' : '') }}"><a href="{{ route('homepage') }}"><span>Home</span></a></li>
32                     <li class="{{ (request()->is('pages/education-experience') ? 'active' : '') }}"><a href="{{ route('education-experience') }}"><span>Education & Experience</span></a></li>
33                     <li class="{{ (request()->is('pages/project-skills') ? 'active' : '') }}"><a href="{{ route('project-skills') }}"><span>Projects & Skills</span></a></li>
34                     <li class="{{ (request()->is('pages/about') ? 'active' : '') }}"><a href="{{ route('about') }}"><span>About</span></a></li>
35                     <li class="{{ (request()->is('pages/contact-us') ? 'active' : '') }}"><a href="{{ route('contact-us') }}"><span>Contact Us</span></a></li>
36                 </ul>
37             </nav>
38
39             @if(request()->is('/'))
40                 <div class="social-links">
41                     <a href="https://www.linkedin.com/in/james-anthony-rosales-/" target="_blank" class="linkedin"><i class="bx bxl-linkedin"></i></a>
42                     <a href="https://github.com/jaor13" target="_blank" class="github"><i class="bx bxl-github"></i></a>
43                     <a href="mailto:jaor2022-6131-9831@bicol-u.edu.ph" target="_blank" class="google"><i class="bx bxl-google"></i></a>
44                 </div>
45             @endif
46         </div>
47     </header>
48
49     @yield('content')
50
51     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
52     <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.7/dist/umd/popper.min.js"></script>
53     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
54     <script src="https://cdn.jsdelivr.net/npm/typed.js@2.0.12"></script>
55 </body>
56 </html>

```

about.blade.php

```

1 resources/views/about/about.php
2 @extends('components.layout')
3
4 @section('title', 'About')
5
6 @section('content')
7     <div>
8         <section class="about-me container">
9             <!-- Define an array of profiles to loop through -->
10
11             @php
12                 $profiles = [
13
14                     [
15                         'image' => 'assets/images/jr.png',
16                         'name' => 'Profile 1',
17                         'description' => 'I'm an undergraduate student with a strong passion for the IT field, particularly in networking. Where I enjoy working with routers, PC configurations, and various setups. While I also have an interest in coding, my enthusiasm leans more towards front-end development. I love creating intuitive and visual!',
18                         'birthdate' => '12 Nov 2001',
19                         'phone' => '+63 988-093-8663',
20                         'city' => 'Tapani, Albay',
21                         'email' => 'jamesanthonys@gmail.com',
22                     ],
23
24                     [
25                         'image' => 'assets/images/pd.png',
26                         'name' => 'Profile 2',
27                         'description' => 'I'm an undergraduate IT student passionate about creating digital art, especially graphic and web design. I also enjoy exploring new things, whether they relate to my field or not, always searching for what excites me the most and what I love doing.',
28                         'birthdate' => '8 September 2001',
29                         'phone' => '+63 970-610-6161',
30                         'city' => 'Sta. Domingo, Albay',
31                         'email' => 'jaredjameson@gmail.com',
32                     ],
33
34                     [
35                         'image' => 'assets/images/rare.jpg',
36                         'name' => 'Profile 3',
37                         'description' => 'As an undergraduate student aspiring to be a web developer, I am currently honing my skills in web development and design. I have a passion for creating intuitive, functional websites and am eager to continue learning about front-end and back-end development.',
38                         'birthdate' => '9 November 2001',
39                         'phone' => '8888888888',
40                         'city' => 'Tagbort City, Albay',
41                         'email' => 'rare.quintanilla@gmail.com',
42                     ],
43                 ];
44             @endphp
45
46             <!-- Loop through each profile -->
47             @foreach ($profiles as $profile)
48                 <div class="container" id="cont-{{ $profile['name'] }}">
49                     <div class="row">
50                         <div class="col-lg-6 data-aos="fade-right">
51                             
52                         </div>
53                         <div class="col-lg-6 pt-4 pt-lg-0 content" data-aos="fade-left">
54                             <p>{{ $profile['description'] }}</p>
55                             <div class="row">
56                                 <div class="col-lg-6">
57                                     <div>
58                                         <div class="infofont-rounded-right"></div> <strong>BirthDay:</strong> {{ $profile['birthdate'] }}</div>
59                                         <div class="infofont-rounded-right"></div> <strong>Phone:</strong> {{ $profile['phone'] }}</div>
60                                     </div>
61                                 <div>
62                                     <div class="col-lg-6">
63                                         <div>
64                                             <div class="infofont-rounded-right"></div> <strong>City:</strong> {{ $profile['city'] }}</div>
65                                             <div class="infofont-rounded-right"></div> <strong>Email:</strong> {{ $profile['email'] }}</div>
66                                         </div>
67                                     </div>
68                                 </div>
69                             </div>
70                         </div>
71                     </div>
72                 </div>
73             @endforeach
74         </section>
75     </div>
76 @endsection
77
78 @main
79 @endsection

```

access-denied.blade.php

```

resources > views > access-denied.blade.php
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Access Denied</title>
7      <link rel="preconnect" href="https://fonts.googleapis.com">
8      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
9      <link href="https://fonts.googleapis.com/css2?family=Raleway:ital,wght@0,100..900;1,100..900&display=swap" rel="stylesheet">
10
11     <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
12     <link href="{{ asset('asset/css/styles.css') }}" rel="stylesheet">
13 </head>
14 <body>
15     <div class="gandalf">
16         <div class="fireball"></div>
17         <div class="skirt"></div>
18         <div class="sleeves"></div>
19         <div class="shoulders">
20             <div class="hand left"></div>
21             <div class="hand right"></div>
22         </div>
23         <div class="head">
24             <div class="hair"></div>
25             <div class="beard"></div>
26         </div>
27     </div>
28     <div class="message">
29         <h1>Error 403 (Access Denied)</h1>
30         <p>Oops! This page is age restricted at the moment.</p>
31         <button class="btn btn-secondary" onclick="window.location('{{ route('homepage') }}'">Go Back to Homepage</button>
32     </div>
33 </body>
34 </html>

```

## age-verification.blade.php

```
resources > views > age-verification.blade.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Age Verification</title>
7     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
8     <link rel="preconnect" href="https://fonts.googleapis.com">
9     <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@100..900&display=swap" rel="stylesheet">
11    <link rel="stylesheet" href="{{ asset('asset/css/styleless.css') }}">
12 </head>
13 <body>
14
15     <div class="form-container">
16         <h4 class="modal-title">Age Verification </h4>
17         <p class="text-center">For verification, please enter your age. This ensures that you meet the required age to access the source codes.</p>
18         <form action="{{ route('verify-age') }}" method="POST">
19             @csrf
20             <div class="form-group">
21                 <input type="number" class="form-control" id="age" name="age" placeholder="Enter your age" required>
22             </div>
23             <div class="form-group">
24                 <label for="destination">Choose where to go:</label>
25                 <div>
26                     <input type="radio" id="dashboard" name="destination" value="dashboard" required>
27                     <label for="dashboard">Dashboard</label>
28                     <input type="radio" id="source-code" name="destination" value="source-code" required>
29                     <label for="source-code">Source Code</label>
30                     <input type="radio" id="code-tutorials" name="destination" value="code-tutorials" required>
31                     <label for="code-tutorials">Code Tutorials</label>
32                 </div>
33             </div>
34             <div class="d-flex justify-content-center">
35                 <button type="submit" class="btn btn-secondary">Submit</button>
36             </div>
37         </form>
38     </div>
39
40     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
41     <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"></script>
42     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
43 </body>
44 </html>
```

## code-tutorials.blade.php

```
resources > views > code-tutorials.blade.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Code-Tutorials</title>
7     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
8     <link rel="preconnect" href="https://fonts.googleapis.com">
9     <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@100..900&display=swap" rel="stylesheet">
11    <link rel="stylesheet" href="{{ asset('asset/css/styleless.css') }}">
12 </head>
13 <body>
14
15     <div class="form-container">
16         <h4 class="modal-title">Code-Tutorials </h4>
17         <p class="text-center">Lorem ipsum dolor sit amet consectetur adipisicing elit. Est ad exercitationem magni iste aut sunt atque, quod rem, nostrum quas mollitia deleniti cumque incididunt voluptatem veritatis, sint impedit! Odit, iure.</p>
18     </div>
19
20     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
21     <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"></script>
22     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
23 </body>
24 </html>
```

## contact-us.blade.php

```
resources > views > contact-us.blade.php
1  @extends('components.layout')
2
3  @section('title', 'Contact Us')
4
5  @section('content')
6
7  <main>
8      <section id="contact" class="contact">
9          <div class="container">
10             <div class="row cont justify-content-center">
11                 <div class="col-md-6">
12                     
13                 </div>
14                 <div class="col-md-6">
15                     <h1 style="margin-top: 20px;">Get in touch with us</h1>
16                     <form action="/submit-form" method="POST">
17                         @csrf <!-- Add CSRF token for security -->
18                         <div class="form-group">
19                             <label for="name">Name:</label>
20                             <input type="text" id="name" name="name" class="form-control" required>
21                         </div>
22                         <div class="form-group">
23                             <label for="email">Email:</label>
24                             <input type="email" id="email" name="email" class="form-control" required>
25                         </div>
26                         <div class="form-group">
27                             <label for="subject">Subject:</label>
28                             <input type="text" id="subject" name="subject" class="form-control" required>
29                         </div>
30                         <div class="form-group">
31                             <label for="message">Message:</label>
32                             <textarea id="message" name="message" class="form-control" rows="5" required></textarea>
33                         </div>
34                         <button type="submit" id="btn-sub" class="btn btn-primary">Submit</button>
35                     </form>
36                 </div>
37             </div>
38         </div>
39     </section>
40 </main>
41
42 @endsection
```

## dashboard.blade.php

```
resources > views > dashboard.blade.php
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Dashboard</title>
7      <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
8      <link rel="preconnect" href="https://fonts.googleapis.com">
9      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10     <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@100..900&display=swap" rel="stylesheet">
11     <link rel="stylesheet" href="{{ asset('asset/css/styles.css') }}">
12 </head>
13 <body>
14
15     <div class="form-container">
16         <h1 class="modal-title">Dashboard Try </h1>
17         <p class="text-center">Lorem ipsum dolor sit amet consectetur adipisicing elit. Est ad exercitationem magni iste aut sunt atque, quod rem, nostrum quas mollitia deleniti cumque incident voluptatem veritatis, sint impedit! Odit, iure.</p>
18     </div>
19
20     <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
21     <script src="https://cdn.jsdelivr.net/npm/popper.js@2.9.2/dist/umd/popper.min.js"></script>
22     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
23 </body>
24 </html>
```

## education-experience.blade.php

```
resources > views > education-experience.blade.php
1  @extends('components.layout')
2
3  @section('title', 'Education & Experience')
4
5  @section('content')
6      <main>
7          <section id="education-experience" class="educ-exp">
8              <div class="container">
9                  <div class="row">
10                     <div class="col-lg-12" data-aos="fade-up">
11                         <div class="col-md-12 mt-4 mt-md-0 icon-box" data-aos="fade-up" data-aos-delay="100">
12                             <h1 style="text-align:left; font-size:x-large; font-weight: bold;">
13                                 <a href="https://bicol-u.edu.ph/" style="color:#ffefef">Bicol University</a><br>
14                             </h1>
15                             <h2 style="text-align:left; font-size:larger;">August 2022 - Present</h2>
16                             <p style="text-align:left;color:#fff"><em>Undergraduate Student</em></p>
17                             <ul style="text-align:left;">
18                                 <li>Currently a junior student at Bicol University (Main Campus) majoring in Information Technology.</li>
19                             </ul>
20                         </div>
21
22                         <div class="col-md-12 mt-4 mt-md-0 icon-box" data-aos="fade-up" data-aos-delay="100">
23                             <h1 style="text-align:left; font-size:x-large; font-weight: bold;">DCTV Cable and Network Services Inc.<br></h1>
24                             <h2 style="text-align:left; font-size:larger;">2022</h2>
25                             <p style="text-align:left;color:#fff"><em>Work Immersion Intern</em></p>
26                             <ul style="text-align:left;">
27                                 <li>Experienced in hands-on internet service installations, including fiber optic setup and problem-solving for equipment compatibility.</li>
28                                 <li>Effective communication with customers and exposure to field operations and safety protocols.</li>
29                             </ul>
30                         </div>
31
32                         <div class="col-md-12 mt-4 mt-md-0 icon-box" data-aos="fade-up" data-aos-delay="100">
33                             <h1 style="text-align:left; font-size:x-large; font-weight: bold;">Obtained National Certificate in Computer System Servicing (CSS)<br></h1>
34                             <h2 style="text-align:left; font-size:larger;">2021</h2>
35                             <p style="text-align:left;color:#fff"><em>Certificate Holder</em></p>
36                             <ul style="text-align:left;">
37                                 <li>Accredited Assessment Center - San Francisco Institute of Science and Technology (SFIST)</li>
38                             </ul>
39                         </div>
40
41                         <div class="col-md-12 mt-4 mt-md-0 icon-box" data-aos="fade-up" data-aos-delay="100">
42                             <h1 style="text-align:left; font-size:x-large; font-weight: bold;">320 hours Training in the JDVP Program for CSS NCII<br></h1>
43                             <h2 style="text-align:left; font-size:larger;">2021</h2>
44                             <p style="text-align:left;color:#fff"><em>Trainee</em></p>
45                             <ul style="text-align:left;">
46                                 <li>Bicol Training and Technological College Inc., Aguinaldo St., Bacacay, Albay</li>
47                             </ul>
48                         </div>
49
50                         <div class="col-md-12 mt-4 mt-md-0 icon-box" data-aos="fade-up" data-aos-delay="100">
51                             <h1 style="text-align:left; font-size:x-large; font-weight: bold;">Completed CSS NCII Training<br></h1>
52                             <h2 style="text-align:left; font-size:larger;">2021</h2>
53                             <p style="text-align:left;color:#fff"><em>Trainee</em></p>
54                             <ul style="text-align:left;">
55                                 <li>Livelihood and Skills Training Center (LSTC-Tabaco City)</li>
56                             </ul>
57                         </div>
58                     </div>
59                 </div>
60             </div>
61         </section>
62     </main>
63 @endsection
```



## index.blade.php

```
resources > views > index.blade.php
1  @extends('components.layout')
2
3  @section('title', 'HomePage')
4
5  @section('content')
6      <div class="modal" id="myModal" tabindex="-1" role="dialog">
7          <div class="modal-dialog modal-dialog-centered" role="document">
8              <div class="modal-content">
9                  <div class="modal-header">
10                     <h4 class="modal-title">Welcome {{ $username ?? 'Guest' }} to RoQ Collective Portfolio! <span></span></h4>
11                 </div>
12                 <div class="modal-body">
13                     <p>Explore our projects, skills, and experiences! Dive into our portfolio to see the innovative solutions we've crafted!</p>
14                 </div>
15                 <div class="modal-footer">
16                     <button type="button" class="btn btn-secondary" data-dismiss="modal">Start Exploring</button>
17                 </div>
18                 <div class="modal-footer">
19                     <button type="button" class="btn btn-secondary" onclick="window.location='{{ route('age-verification') }}'">Access Restricted Content</button>
20                 </div>
21             </div>
22         </div>
23     </div>
24
25     <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
26     <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.7/dist/umd/popper.min.js"></script>
27     <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
28     <script src="https://cdn.jsdelivr.net/npm/typed.js@2.0.12"></script>
29
30     <script type="text/javascript">
31         $(document).ready(function() {
32             $('#myModal').modal('show'); // Show the modal on page load
33         });
34
35         var typed = new Typed('.typing', {
36             strings: ["are an undergrad student in the IT Field. Check out our skills, experience, and projects!"],
37             loop: true,
38             typeSpeed: 40,
39             backSpeed: 50
40         });
41     </script>
42 @endsection
```

## project-skills.blade.php

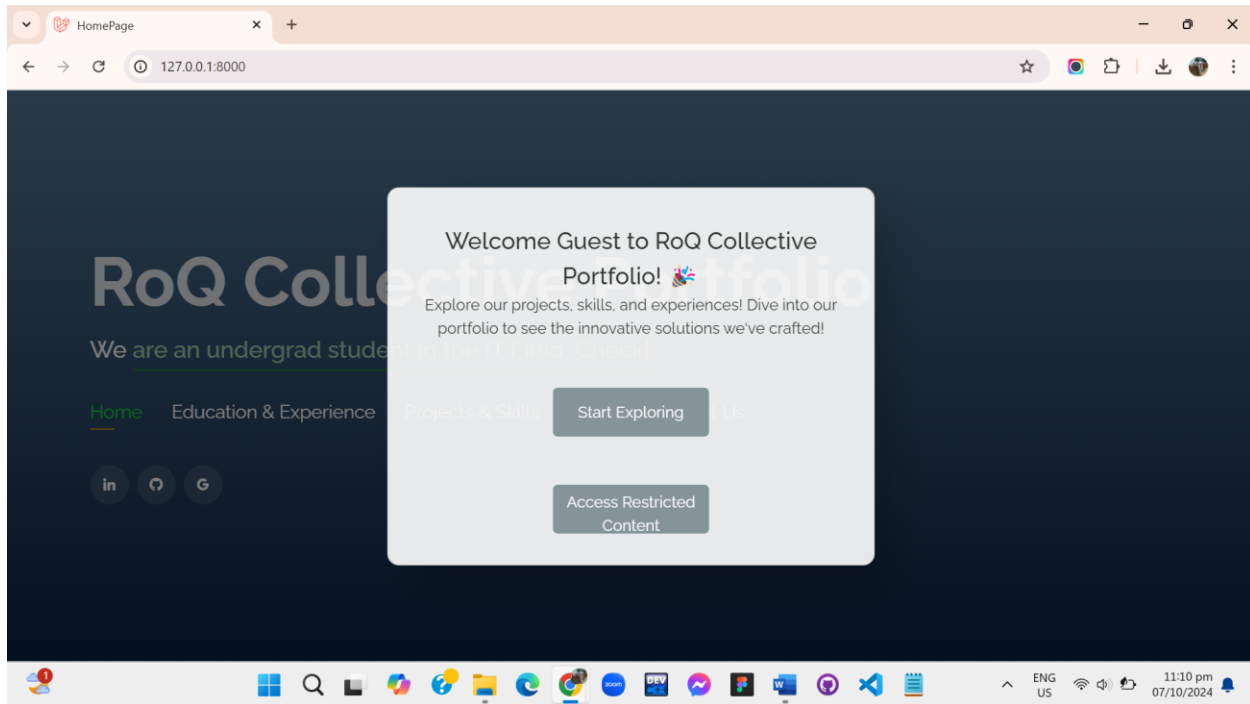
```
resources > views > project-skillsblade.php
1  @extends('components.layout')
2
3  @section('title', 'Projects & Skills')
4
5  @section('content')
6
7  <main>
8      <section class="skills container">
9          <div class="container">
10             <div class="section-title">
11                 <h1 style="font-size:xx-large; font-weight: bold;">Skills</h1>
12             </div>
13             <div class="row">
14                 <div class="col-lg-3 col-md-4">
15                     <div class="icon-box">
16                         <i class="ri-global-line" style="color: #FFB2C;"></i>
17                         <h2 style="font-size:medium; font-weight: bold;">Computer Programming</h2>
18                     </div>
19                 </div>
20                 <div class="col-lg-3 col-md-4 mt-4 st-md-0">
21                     <div class="icon-box">
22                         <i class="ri-router-line" style="color: #5578ff;"></i>
23                         <h2 style="font-size:medium; font-weight: bold;">Network Configuration</h2>
24                     </div>
25                 </div>
26                 <div class="col-lg-3 col-md-4 mt-4 st-md-0">
27                     <div class="icon-box">
28                         <i class="ri-computer-line" style="color: #80368;"></i>
29                         <h2 style="font-size:medium; font-weight: bold;">Computer Troubleshooting</h2>
30                     </div>
31                 </div>
32                 <div class="col-lg-3 col-md-4 mt-4 st-lg-0">
33                     <div class="icon-box">
34                         <i class="ri-code-s-slash-line" style="color: #1c7d32;"></i>
35                         <h2 style="font-size:medium; font-weight: bold;">Front-end Development</h2>
36                     </div>
37                 </div>
38             </div>
39         </div>
40     </section>
41
42     <section id="portfolio" class="portfolio container">
43         <div class="container">
44             <div class="section-title">
45                 <h1 style="font-size:xx-large; font-weight: bold;">Projects</h1>
46             </div>
47
48             <div class="row portfolio-container">
49                 <div class="col-lg-6 col-md-6 portfolio-item">
50                     <h2 style="font-size:larger" class="text-center">InCelligence Hub</h2>
51                     <div class="portfolio-wrap d-flex justify-content-center align-items-center">
52                         
53                         <div class="portfolio-info">
54                             <p>An interactive learning website targeted for young students.</p>
55                         </div>
56                     </div>
57                 </div>
58
59                 <div class="col-lg-6 col-md-6 portfolio-item">
60                     <h2 style="font-size:larger" class="text-center">Mind Whisper</h2>
61                     <div class="portfolio-wrap d-flex justify-content-center align-items-center">
62                         
63                         <div class="portfolio-info">
64                             <p>A helpful website for individuals struggling with their mental health.</p>
65                         </div>
66                     </div>
67                 </div>
68
69                 <div class="col-lg-6 col-md-6 portfolio-item">
70                     <h2 style="font-size:larger" class="text-center">University Logical Network Design</h2>
71                     <div class="portfolio-wrap d-flex justify-content-center align-items-center">
72                         
73                         <div class="portfolio-info">
74                             <p>Network Design for Bicol University. Includes simulation in packet tracer.</p>
75                         </div>
76                     </div>
77                 </div>
78
79                 <div class="col-lg-6 col-md-6 portfolio-item">
80                     <h2 style="font-size:larger" class="text-center">JFV Library Management System</h2>
81                     <div class="portfolio-wrap d-flex justify-content-center align-items-center">
82                         
83                         <div class="portfolio-info">
84                             <p>JAVA-based application for a Library Management System.</p>
85                         </div>
86                     </div>
87                 </div>
88             </div>
89         </div>
90     </section>
91 </main>
92
93 @endsection
```

## source-code.blade.php

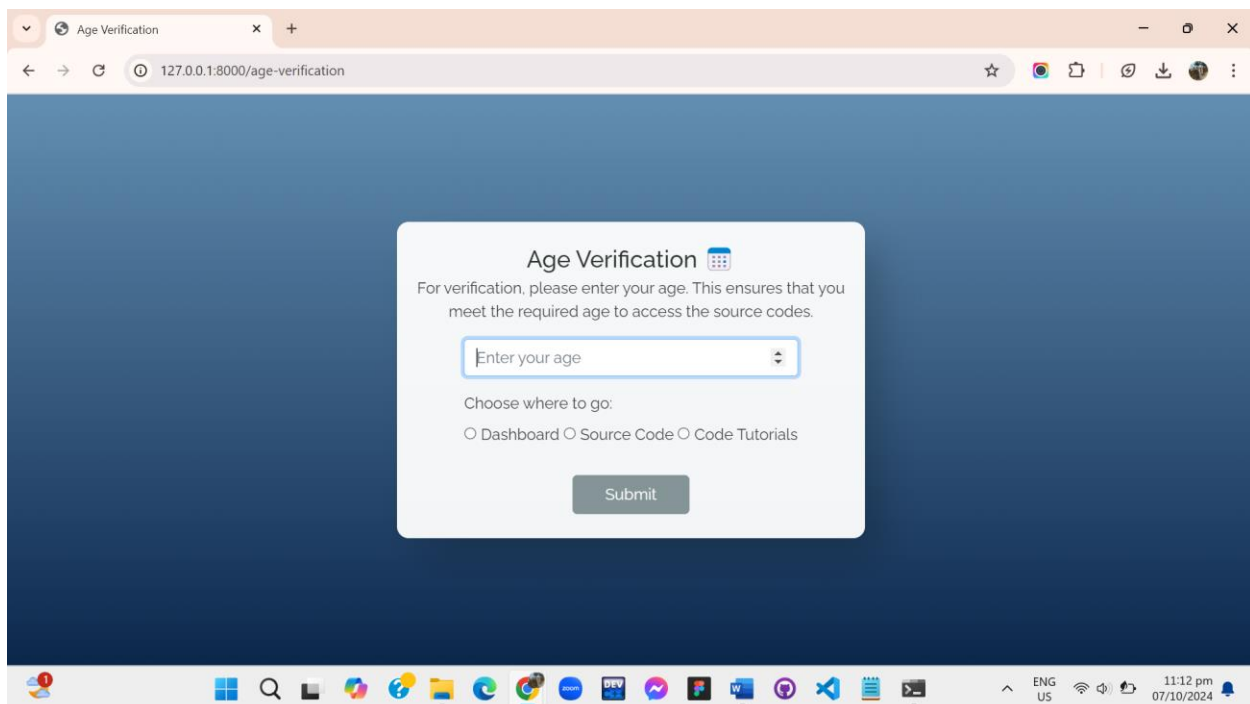
```
resources > views > source-code.blade.php
1  @extends('components.layout')
2
3  @section('title', 'Source Code')
4
5  @section('content')
6
7  <main>
8      <section id="portfolio" class="portfolio container" style="margin-top: 120px;">
9          <div class="container">
10             <div class="section-title">
11                 <h1 style="font-size:xx-large; font-weight: bold; margin-bottom: 30px;">Download Project Source Code</h1>
12             </div>
13
14             <div class="row portfolio-container">
15                 <div class="col-lg-6 col-md-6 portfolio-item">
16                     <a href="https://drive.google.com/drive/folders/1MrbpZCLKYFa_1zty_uUjJJG6u67dke?usp=sharing" target="_blank" style="text-decoration: none; color: inherit;">
17                         <h2 style="font-size:larger" class="text-center">Incelligence Hub</h2>
18                         <div class="portfolio-wrap d-flex justify-content-center align-items-center">
19                             
20                             <div class="portfolio-info">
21                                 <p>An interactive learning website targeted for young students.</p>
22                             </div>
23                         </div>
24                     </a>
25                 </div>
26
27                 <div class="col-lg-6 col-md-6 portfolio-item">
28                     <a href="https://drive.google.com/drive/folders/1MrbpZCLKYFa_1zty_uUjJJG6u67dke?usp=sharing" target="_blank" style="text-decoration: none; color: inherit;">
29                         <h2 style="font-size:larger" class="text-center">Mind Whisper</h2>
30                         <div class="portfolio-wrap d-flex justify-content-center align-items-center">
31                             
32                             <div class="portfolio-info">
33                                 <p>A helpful website for individuals struggling with their mental health.</p>
34                             </div>
35                         </div>
36                     </a>
37                 </div>
38
39                 <div class="col-lg-6 col-md-6 portfolio-item">
40                     <a href="https://drive.google.com/drive/folders/1MrbpZCLKYFa_1zty_uUjJJG6u67dke?usp=sharing" target="_blank" style="text-decoration: none; color: inherit;">
41                         <h2 style="font-size:larger" class="text-center">University Logical Network Design</h2>
42                         <div class="portfolio-wrap d-flex justify-content-center align-items-center">
43                             
44                             <div class="portfolio-info">
45                                 <p>Network Design for Bicol University. Includes simulation in packet tracer.</p>
46                             </div>
47                         </div>
48                     </a>
49                 </div>
50
51                 <div class="col-lg-6 col-md-6 portfolio-item">
52                     <a href="https://drive.google.com/drive/folders/1MrbpZCLKYFa_1zty_uUjJJG6u67dke?usp=sharing" target="_blank" style="text-decoration: none; color: inherit;">
53                         <h2 style="font-size:larger" class="text-center">JFV Library Management System</h2>
54                         <div class="portfolio-wrap d-flex justify-content-center align-items-center">
55                             
56                             <div class="portfolio-info">
57                                 <p>JAVA-based application for a Library Management System.</p>
58                             </div>
59                         </div>
60                     </a>
61                 </div>
62             </div>
63         </div>
64     </section>
65 </main>
66
67 @endsection
```

## B. Rendered Web Pages

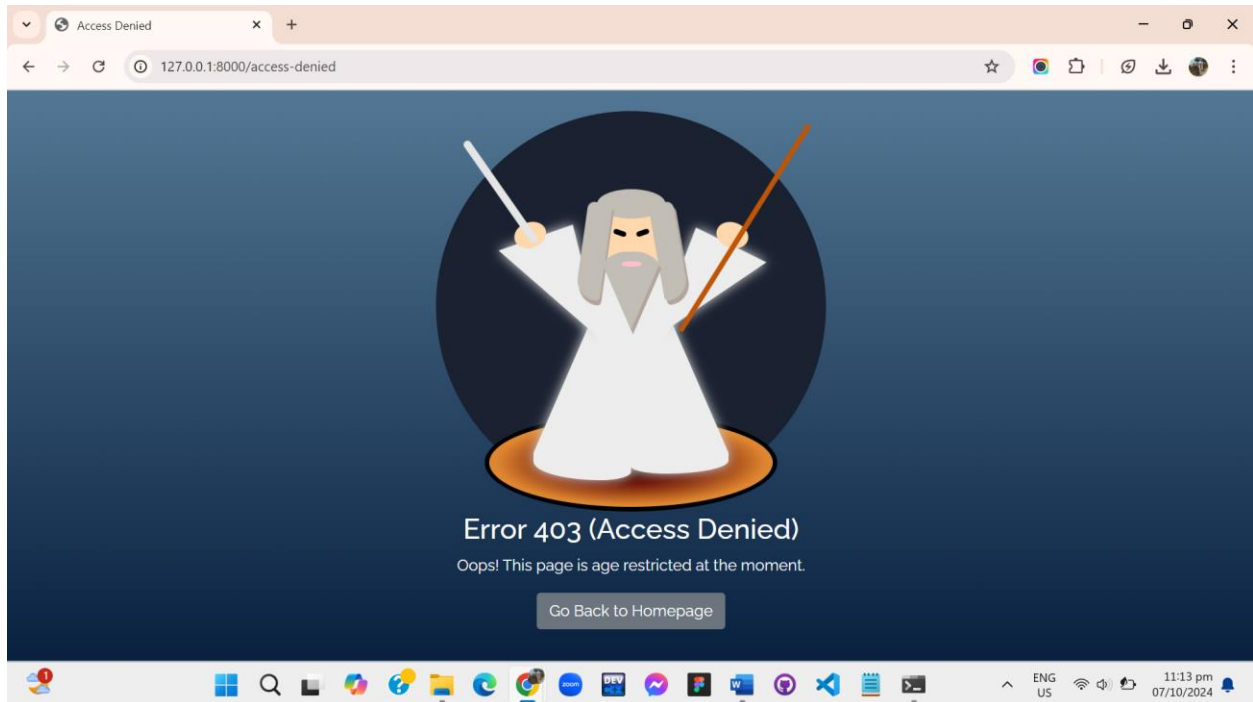
**Homepage:** When the user visits the homepage, they see an age verification pop-up.



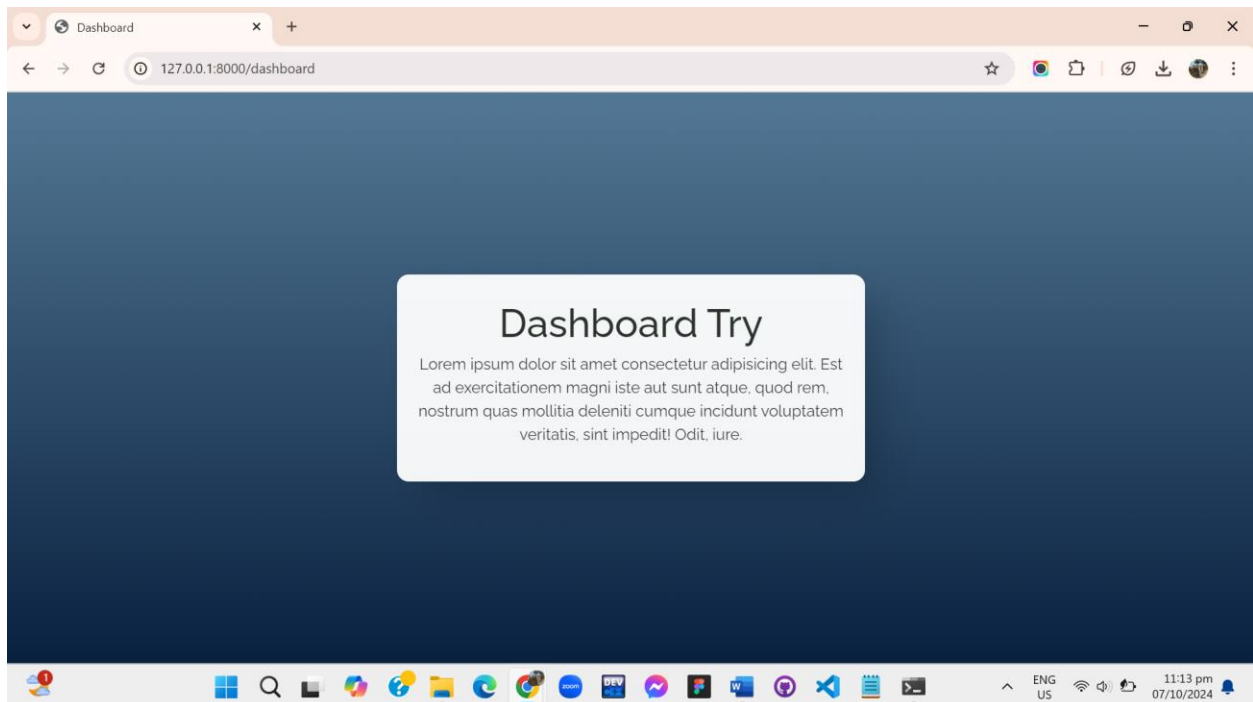
**Access Restricted Content:** The user is prompted to verify their age. If they are underage, they're directed to the access denied page.

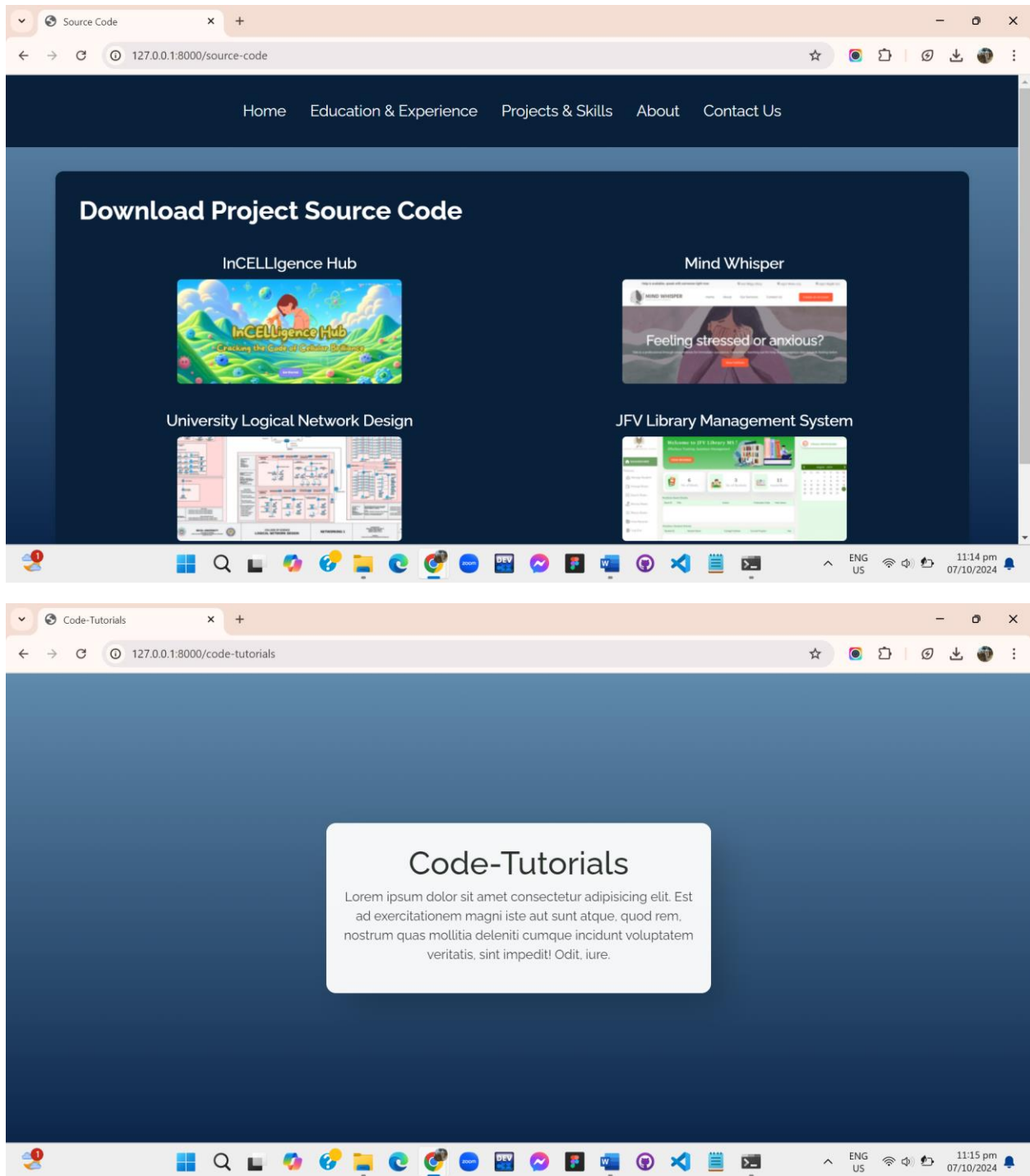


**Access Denied Page:** This displays if the user doesn't meet the required age for specific content.



**Dashboard, Source Code, Code Tutorials :** Displays for users who meet the minimum age requirement.





## Explanations

### 1. Registration and Use of Global Middleware:

- The application registers middleware globally to ensure that it's available across all routes. For example, the LogRequests middleware is added globally to log each request's details.
- This middleware is registered in bootstrap/app.php by appending it to the global middleware stack. Laravel 11 requires this approach, as opposed to previous versions that used Kernel.php for such configurations.

### 2. Middleware with Parameters:

- The CheckAge middleware is designed to restrict access based on age, which is specified as a parameter. When applied to a route, it checks if the user meets the required age before allowing access.
- In CheckAge, the age parameter is retrieved from the route definition.

### 3. Terminable Middleware:

- The LogRequests middleware is terminable, meaning it performs actions after the response has been sent to the client. This is useful for logging or post-processing that doesn't affect the user experience.
- By using the terminate method, it captures request details like method, URL, and timestamp, and logs them after the response is complete.