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BSIT 3C

CONTROLLERS:

app/Http/Controllers/DashboardController.php

```
app > Http > Controllers > DashboardController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\User; // Make sure to import the User model
7
8  class DashboardController extends Controller
9  {
10
11     public function index()
12     {
13         return view('dashboard');
14     }
15     public function show($userId)
16     {
17         return view('dashboard', ['userId' => $userId]);
18     }
19
20 }
21
```

- The DashboardController in Laravel is responsible for managing the dashboard view. It handles requests to /dashboard and /dashboard/{userId}, showing a dynamic view. The show method needs a \$userId to display a personalized dashboard.

app/Http/Controllers/HomeController.php

```
app > Http > Controllers > HomeController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class HomeController extends Controller
8  {
9     public function index()
10    {
11        return view('home'); // Ensure you have a 'home.blade.php' view file
12    }
13 }
14
```

- The HomeController in Laravel is responsible for managing the application's home page. When a user accesses the home route, the index method is called to return the home view, ensuring the homepage is rendered properly for the application.

MIDDLEWARE:

app/Http/Middleware/CheckAge.php

```

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 CheckAge
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 $request, Closure $next): Response
17     {
18         // Get the age from the query parameter in the URL
19         $age = $request->query('age'); // This will get the 'age' query parameter
20
21         // If age is less than 18, redirect to access denied page
22         if ($age && $age < 18) {
23             return redirect()->route('access.denied');
24         }
25
26         // If age is valid (18 or older), redirect to the dashboard
27         if ($age && $age >= 18) {
28             return redirect()->route('dashboard.user', ['userId' => 'Tel']); // Use the correct parameter name 'userId'
29         }
30     }
31 }

```

- The CheckAge middleware in Laravel validates the age provided in incoming requests. It examines the age query parameter in the URL, redirecting users under 18 to an access denied page. Users aged 18 or older are redirected to the dashboard page, ensuring the necessary \$userId parameter is included.

ROUTES:

routes/web.php

```

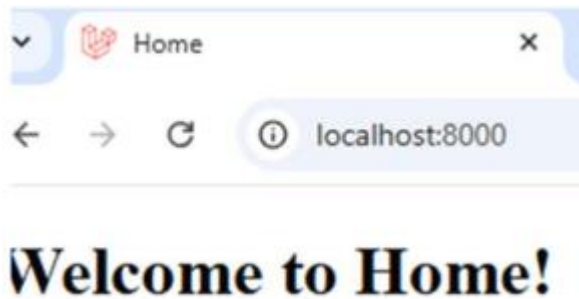
routes > web.php
1  <?php
2
3  use Illuminate\Support\Facades\Route;
4  use App\Http\Controllers\HomeController;
5  use App\Http\Controllers\DashboardController;
6  use App\Http\Middleware\CheckAge;
7
8  Route::get('/', [HomeController::class, 'index']->middleware(CheckAge::class)->name('home')); // Home page route
9
10 Route::prefix('dashboard')->group(function () {
11     Route::get('/', [DashboardController::class, 'index']->name('dashboard.index')); // Dashboard main page
12     Route::get('/user/{userId}', [DashboardController::class, 'show']->name('dashboard.user')); // User-specific dashboard
13 });
14
15 // Access Denied route
16 Route::get('/access-denied', function () {
17     return view('access-denied'); // Display an access denied page
18 })->name('access.denied');

```

- These Laravel routes outline the application's URL structure. The home page route (/) is secured with the CheckAge middleware. Dashboard-related routes, such as the main dashboard and user-specific pages (/dashboard/user/{userId}), are grouped under the dashboard prefix. There is also an access denied route (/access-denied) that shows a restricted access page.

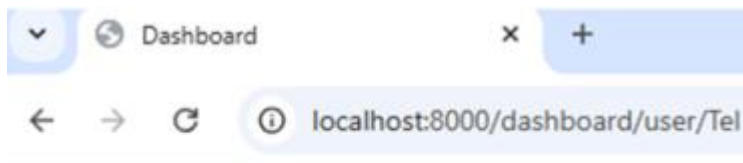
WEB PAGES:

Loading Home page:



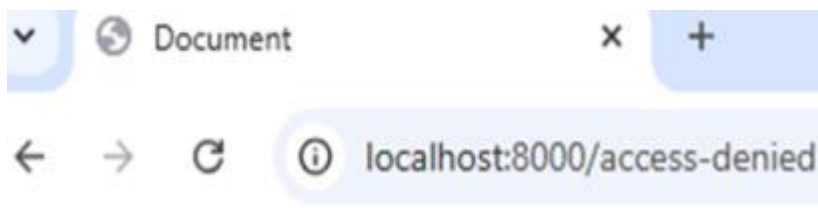
- The default page of our website serves as the home page, where users can validate their age. Based on the age provided, they are redirected to the appropriate page according to the middleware's age restrictions. For example, accessing localhost:8000/?age=21 would redirect a user aged 21 to their specific page, while localhost:8000/?age=17 would redirect a 17-year-old elsewhere based on the restrictions.

Age Authentication: Valid (Age >= 18)



- If the user's age meets the requirements, they are redirected to the dashboard page with the necessary parameter included.

Age Authentication: Not Valid (Age < 18)



- If the user's age is not valid, meaning they are either under the required age or the age parameter is missing, they will be redirected to an access-denied page. This ensures that only users who meet the age criteria can proceed to the dashboard, while others are prevented from accessing restricted content.

Loading Dashboard with Parameter



User Dashboard

Welcome, wendee

- This is our dashboard page, which requires a parameter (\$userId) to be passed. Once provided, the page dynamically displays the user's name, such as "Welcome, Wendee," offering a personalized experience. The dashboard serves as a central hub where users can access their details and interact with the application based on their unique user ID.