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BS IT - 3C
Controllers Lab Act

Home Controller:
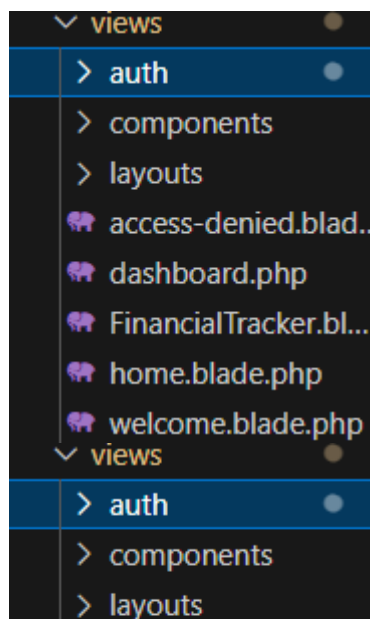
```php
// Guest access route
Route::get('/welcome', [HomeController::class, 'welcome'])->name('welcome');
```

```php
app > Http > Controllers > DashboardController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class DashboardController extends Controller
8  {
9      public function show($userId, Request $request)
10     {
11         $userName = $request->query('username');
12         return view('dashboard', compact('userId', 'userName'));
13     }
14 }
15
```

```php
.env  M     web.php M     HomeController.php ×     login.blade.php M
app > Http > Controllers > HomeController.php
1  <?php
2  namespace App\Http\Controllers;
3
4  use Illuminate\Http\Request;
5
6  class HomeController extends Controller
7  {
8      public function welcome(Request $request)
9      {
10         $userId = $request->query('user_id', '');   // Get userId from URL
11         $userName = $request->query('user_name', '');  // Get userName from URL
12         return view('welcome', compact('userId', 'userName'));
13     }
14 }
15
```

- The dashboard Controller contains the request that the admin will access the dashboard.
- The home controller gets the userID and Username.
- Route::get('/welcome', [HomeController::class, 'welcome'])->name('welcome');
- when a user accesses /welcome, the welcome method of HomeController will be called.
- /dashboard/{userId} is assigned to DashboardController. The show method of DashboardController is called when the route is accessed.

Views: Routes:

```
views
  > auth
  > components
  > layouts
  access-denied.blad..
  dashboard.php
  FinancialTracker.bl...
  home.blade.php
  welcome.blade.php
views
  > auth
  > components
  > layouts
```

```php
routes > web.php
13
14   // Login routes
15   Route::get('/login', function () {
16       return view('auth.login');
17   })->name('login');
18
19   Route::post('/login', function (Request $request) {
20       $userId = $request->input('user_id');
21       $userName = $request->input('user_name');
22
23       // Simulate login for demonstration (replace with actual login logic
24       Auth::loginUsingId($userId);
25
26       // Debugging output to verify role
27       \Log::info('User ID: ' . Auth::id());
28       \Log::info('User Role: ' . Auth::user()->role);  // Logs the user's
29
30       // Redirect based on role
31       if (Auth::user()->role === 'admin') {
32           return redirect()->route('dashboard.show', ['userId' => Auth::id
33       }
34
35       return redirect()->route('welcome');
36   })->name('login.submit');
37
38   // Guest access route
39   Route::get('/welcome', [HomeController::class, 'welcome'])->name('welcom
40
41   // Financial Tracker route (accessible without authentication)
42   Route::get('/FinancialTracker', function () {
43       return view('FinancialTracker');
44   })->name('financial.tracker');
45
46   // Access-denied route for unauthorized access
47   Route::get('/access-denied', function () {
48       return view('access-denied');
49   })->name('access-denied');
50
```

-"/" login page it is where the start of the webpage
-The other views are dashboard, FinancialTracker,home and welcome blade.php
-All this views files are defined in the routes.

```
class AdminMiddleware

    public function handle($request, Closure $next)
    {
        $defaultAdminId = 1234;
        $defaultAdminName = 'chad';

        // Check if the user is authenticated
        if (Auth::check()) {
            $user = Auth::user();

            // Check if user matches default admin or has the "admin" role
            if (($user->id === $defaultAdminId && $user->name === $defaultAdminName) || $user->role === 'admin') {
                return $next($request);
            }
        }

        // Redirect if not authorized
        return redirect()->route('access-denied');
    }
}
```
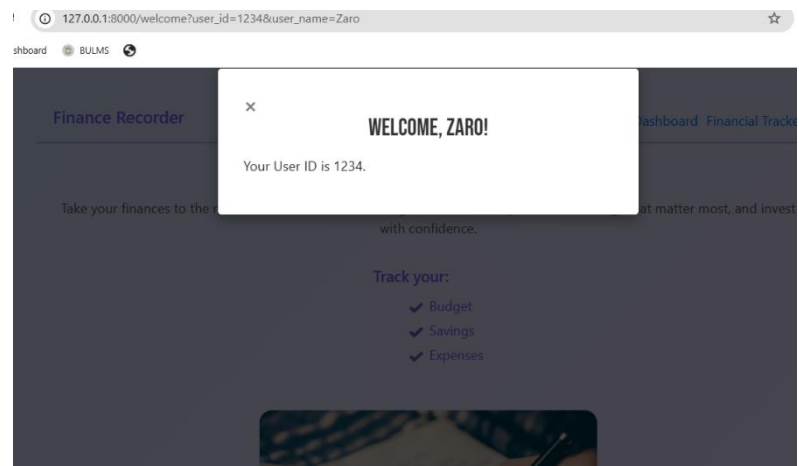
Adminmiddleware checks if the user is authorized to check the dashboard page and it is seen in the log in page where one choses if it wants to sign in or login as an admin.

Here is the login page : gets the user info like   s: the userID and username.

Here is the login page - after receiving the user id ane name a welcome modal is shown

home.blade.php