

# Web Development

## Laboratory Activity

### Controllers

```
Route::get('/dashboard/{userId}', [DashboardController::class, 'show'])
    ->name('dashboard.show')
    ->middleware('auth');

Route::get('/welcome', [HomeController::class, 'welcome'])->name('welcome');
```

- In the **DashboardController**, the **show** method handles the **/dashboard/{userId}** route, displaying user-specific dashboard content. It ensures access is restricted to authenticated users via the **auth** middleware.
- The **HomeController** with the **welcome** method manages the **/welcome** route, typically rendering a view that provides introductory content for users.

```
<?php

use Illuminate\Foundation\Inspiring;
use Illuminate\Support\Facades\Artisan;

Artisan::command('inspire', function () {
    $this->comment(Inspiring::quote());
})->purpose('Display an inspiring quote')->hourly();
```

- This is a **console route**, specifically an artisan command route in Laravel.

```
Route::get('/', function () {
    return redirect()->route('login');
})->name('home');
```

```
Route::get('/login', function () {
    return view('auth.login');
})->name('login');
```

```
Route::post('/login', function (Request $request) {
    $userId = $request->input('user_id');
    $userName = $request->input('user_name');

    if ($userId && $userName) {
        return redirect()->route('dashboard.show', ['userId' => $userId, 'username' => $userName]);
    } else {
        return back()->withErrors(['error' => 'Please provide both User ID and Name.']);
    }
})->name('login.submit');
```

```
Route::get('/welcome', [HomeController::class, 'welcome'])->name('welcome');
```

- The images above are the general routes, they are for **root URL, login page, login submission and welcome page.**

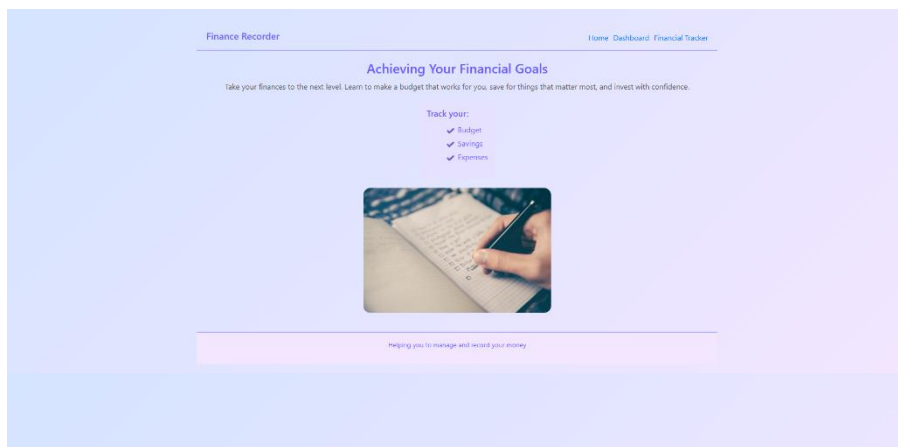
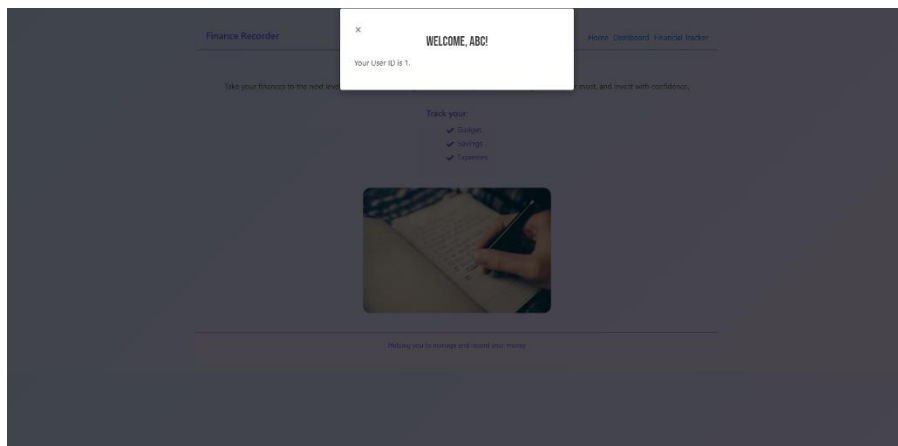
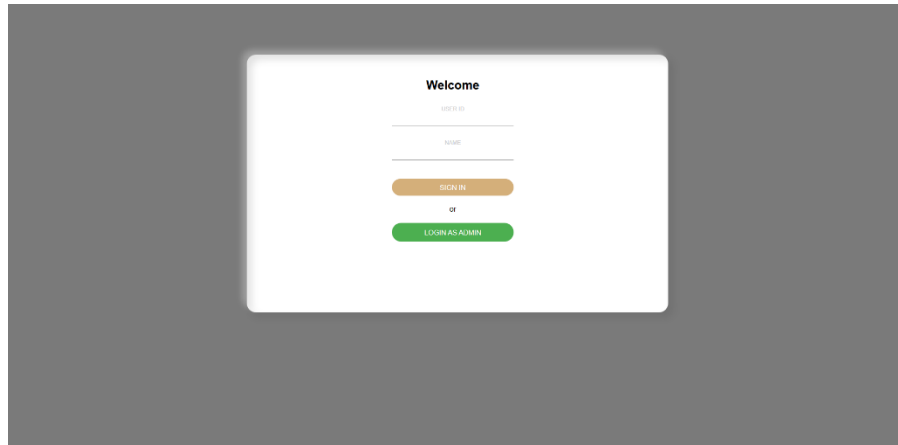
```
Route::get('/dashboard/{userId}', [DashboardController::class, 'show'])
    ->name('dashboard.show')
    ->middleware('auth');
```

```
Route::get('/restricted-dashboard', function () {
    return "Access Restricted!";
});

Route::get('/access-denied', function () {
    return "Access Denied! Please log in to access this page. di pa po tapos hehe";
})->name('access.denied');
```

```
Route::middleware([CheckAge::class . ':18'])->group(function () {
    Route::get('/dashboard', function () {
        return view('dashboard');
    })->name('dashboard');
});
```

- The two images above are the dashboard routes, they are for ***user dashboard, restricted dashboard, and general dashboard*** (with CheckAge middleware).



- These three pages are the only ones rendered on our website for now. Since we focused on the controllers in this activity, we will work harder in the next lab activity to develop the design and functionality of our website.