User

CREATE A SIMPLE LOGIN FORM WITH REGISTER PAGE USING MINIMAL FUNCTIONALITIES IN LARAVEL

ChatGPT

Sure! Below is a simple example of a login form with a register page using Laravel. We'll create two routes for login and register, along with their respective views and controllers.

First, make sure you have Laravel installed. If not, you can install it using Composer:

bash

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composer create-project --prefer-dist laravel/laravel simple-auth

Next, create a migration for the users table and migrate it:

bash

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php artisan make:migration create\_users\_table

Edit the migration file to define the schema for the users table, then migrate:

bash

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php artisan migrate

Create controllers for authentication:

bash

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php artisan make:controller Auth\LoginController

php artisan make:controller Auth\RegisterController

Define routes in routes/web.php:

php

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use App\Http\Controllers\Auth\LoginController;

use App\Http\Controllers\Auth\RegisterController;

Route::get('/login', [LoginController::class, 'showLoginForm'])->name('login');

Route::post('/login', [LoginController::class, 'login']);

Route::post('/logout', [LoginController::class, 'logout'])->name('logout');

Route::get('/register', [RegisterController::class, 'showRegistrationForm'])->name('register');

Route::post('/register', [RegisterController::class, 'register']);

Create views for login and register in resources/views/auth/login.blade.php and resources/views/auth/register.blade.php respectively.

login.blade.php:

html

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<form method="POST" action="{{ route('login') }}">

@csrf

<div>

<label for="email">Email</label>

<input id="email" type="email" name="email" value="{{ old('email') }}" required autofocus>

</div>

<div>

<label for="password">Password</label>

<input id="password" type="password" name="password" required autocomplete="current-password">

</div>

<div>

<button type="submit">Login</button>

</div>

</form>

register.blade.php:

html

Copy code

<form method="POST" action="{{ route('register') }}">

@csrf

<div>

<label for="name">Name</label>

<input id="name" type="text" name="name" value="{{ old('name') }}" required autofocus>

</div>

<div>

<label for="email">Email</label>

<input id="email" type="email" name="email" value="{{ old('email') }}" required>

</div>

<div>

<label for="password">Password</label>

<input id="password" type="password" name="password" required autocomplete="new-password">

</div>

<div>

<label for="password\_confirmation">Confirm Password</label>

<input id="password\_confirmation" type="password" name="password\_confirmation" required>

</div>

<div>

<button type="submit">Register</button>

</div>

</form>

Implement the logic in the LoginController and RegisterController.

app/Http/Controllers/Auth/LoginController.php:

php

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<?php

namespace App\Http\Controllers\Auth;

use App\Http\Controllers\Controller;

use Illuminate\Http\Request;

use Auth;

class LoginController extends Controller

{

public function showLoginForm()

{

return view('auth.login');

}

public function login(Request $request)

{

$credentials = $request->only('email', 'password');

if (Auth::attempt($credentials)) {

$request->session()->regenerate();

return redirect()->intended('/');

}

return back()->withErrors([

'email' => 'The provided credentials do not match our records.',

]);

}

public function logout(Request $request)

{

Auth::logout();

$request->session()->invalidate();

$request->session()->regenerateToken();

return redirect('/');

}

}

app/Http/Controllers/Auth/RegisterController.php:

php

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<?php

namespace App\Http\Controllers\Auth;

use App\Http\Controllers\Controller;

use App\Models\User;

use Illuminate\Http\Request;

use Hash;

class RegisterController extends Controller

{

public function showRegistrationForm()

{

return view('auth.register');

}

public function register(Request $request)

{

$request->validate([

'name' => 'required|string|max:255',

'email' => 'required|string|email|max:255|unique:users',

'password' => 'required|string|min:8|confirmed',

]);

User::create([

'name' => $request->name,

'email' => $request->email,

'password' => Hash::make($request->password),

]);

return redirect('/login')->with('success', 'Registration successful. Please login.');

}

}

That's it! You now have a simple login form with a register page using Laravel.