**Controller**

A **controller** is a class that handles HTTP requests and responses. It acts as an intermediary between the HTTP requests coming from the client (like a web browser) and the application's logic. Controllers typically contain methods that correspond to different actions that the application can perform.

<?php

namespace App\Http\Controllers;

use App\Models\User;

use Illuminate\Http\Request;

class UserController extends Controller

{

// Method to show a list of users

public function index()

{

$users = User::all();

return view('users.index', ['users' => $users]);

}

// Method to show a specific user

public function show($id)

{

$user = User::findOrFail($id);

return view('users.show', ['user' => $user]);

}

// Method to handle creating a new user

public function store(Request $request)

{

// Validation and saving logic here

}

// Method to handle updating a user

public function update(Request $request, $id)

{

// Validation and updating logic here

}

// Method to handle deleting a user

public function destroy($id)

{

// Deletion logic here

}

}