**Cara setup Laravel + inertia + vue**

**1.Buat Project Laravel Baru**

composer create-project laravel/laravel laravel-inertia

cd laravel-inertia

**2. Install Inertia & Vue**

Laravel Inertia butuh package server-side (PHP) dan client-side (JS):

-Install Inertia Laravel Adapter

composer require inertiajs/inertia-laravel

-Install Vue + Inertia Vue Adapter

npm install vue @vitejs/plugin-vue @inertiajs/vue3

**3. Konfigurasi Vite**

Edit vite.config.js:

import { defineConfig } from 'vite';

import laravel from 'laravel-vite-plugin';

import vue from '@vitejs/plugin-vue';

export default defineConfig({

plugins: [

laravel({

input: 'resources/js/app.js',

refresh: true,

}),

vue(),

],

});

**4.Setup File app.js**

Bikin file resources/js/app.js:

import './bootstrap';

import { createApp, h } from 'vue';

import { createInertiaApp } from '@inertiajs/vue3';

createInertiaApp({

resolve: name => require(`./Pages/${name}.vue`),

setup({ el, App, props, plugin }) {

createApp({ render: () => h(App, props) })

.use(plugin)

.mount(el);

},

});

**5.Bikin Middleware HandleInertiaRequests**

Jalankan di terminal:

php artisan inertia:middleware

Ini akan generate file:

app/Http/Middleware/HandleInertiaRequests.php

**6.Konfigurasi Middleware**

Tambahkan HandleInertiaRequests di app/Http/Kernel.php bagian middleware:

\App\Http\Middleware\HandleInertiaRequests::class,

->withMiddleware(function (Middleware $middleware) {

$middleware->web([

\Illuminate\Cookie\Middleware\EncryptCookies::class,

\Illuminate\Session\Middleware\StartSession::class,

\Illuminate\View\Middleware\ShareErrorsFromSession::class,

\Illuminate\Foundation\Http\Middleware\VerifyCsrfToken::class,

\Illuminate\Routing\Middleware\SubstituteBindings::class,

// Inertia Middleware

\App\Http\Middleware\HandleInertiaRequests::class,

]);

});

code Lengkapnya

<?php

use Illuminate\Foundation\Application;

use Illuminate\Foundation\Configuration\Exceptions;

use Illuminate\Foundation\Configuration\Middleware;

return Application::configure(basePath: dirname(\_\_DIR\_\_))

->withRouting(

web: \_\_DIR\_\_.'/../routes/web.php',

commands: \_\_DIR\_\_.'/../routes/console.php',

health: '/up',

)

->withMiddleware(function (Middleware $middleware): void {

$middleware->web([

\Illuminate\Cookie\Middleware\EncryptCookies::class,

\Illuminate\Session\Middleware\StartSession::class,

\Illuminate\View\Middleware\ShareErrorsFromSession::class,

\Illuminate\Foundation\Http\Middleware\VerifyCsrfToken::class,

\Illuminate\Routing\Middleware\SubstituteBindings::class,

// Inertia Middleware

\App\Http\Middleware\HandleInertiaRequests::class,

]);

})

->withExceptions(function (Exceptions $exceptions): void {

//

})->create();

**7.setup atau ubah isi dari app.js ada 2 cara**

-Lazy import (default, tanpa { eager: true })

import.meta.glob return function async. Jadi butuh ().

// resources/js/app.js

import './bootstrap'

import { createApp, h } from 'vue'

import { createInertiaApp } from '@inertiajs/vue3'

createInertiaApp({

resolve: name => {

const pages = import.meta.glob('./Pages/\*\*/\*.vue')

return pages[`./Pages/${name}.vue`]() // <--- harus () karena async function

},

setup({ el, App, props, plugin }) {

createApp({ render: () => h(App, props) })

.use(plugin)

.mount(el)

},

})

-Eager import (semua file di-load langsung)

import.meta.glob(..., { eager: true }) return object berisi module.

Jadi jangan pakai ().

// resources/js/app.js

import './bootstrap'

import { createApp, h } from 'vue'

import { createInertiaApp } from '@inertiajs/vue3'

createInertiaApp({

resolve: name => {

const pages = import.meta.glob('./Pages/\*\*/\*.vue', { eager: true })

return pages[`./Pages/${name}.vue`].default // <--- tanpa ()

},

setup({ el, App, props, plugin }) {

createApp({ render: () => h(App, props) })

.use(plugin)

.mount(el)

},

})

**8. buat file untuk example Contoh File Page**

Pastikan file resources/js/Pages/Home.vue ada:

<template>

<div class="p-6">

<h1 class="text-2xl font-bold">{{ title }}</h1>

<p class="mt-2">Welcome to Laravel 12 + Vue 3 + Inertia 🚀</p>

</div>

</template>

<script setup>

defineProps({

title: String

})

</script>

**9.buat file Root View (resources/views/app.blade.php)**

<!DOCTYPE html>

<html lang="{{ str\_replace('\_', '-', app()->getLocale()) }}">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<title inertia>{{ config('app.name', 'Laravel Inertia') }}</title>

@vite('resources/js/app.js')

@inertiaHead

</head>

<body class="antialiased">

@inertia

</body>

</html>

**10. Buat Controller & Route**

Misalnya bikin HomeController:

-php artisan make:controller HomeController

Edit app/Http/Controllers/HomeController.php:

use Inertia\Inertia;

class HomeController extends Controller

{

public function index()

{

return Inertia::render('Home', [

'title' => 'Hello from Laravel + Inertia + Vue',

]);

}

}

-Buat route di routes/web.php:

Route::get('/', [HomeController::class, 'index']);

10. setigan vite

import { defineConfig } from 'vite';

import laravel from 'laravel-vite-plugin';

import tailwindcss from '@tailwindcss/vite';

import vue from '@vitejs/plugin-vue';

export default defineConfig({

plugins: [

laravel({

input: ['resources/css/app.css', 'resources/js/app.js'],

refresh: true,

}),

tailwindcss(),

vue(),

],

});