1. Laravel(update version) Project Creation
composer create-project laravel/laravel laravel-inertia "11.*"

Env:

```
DB_CONNECTION=mysql

DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=laravel_inertia
DB_USERNAME=root
DB_PASSWORD=
```

CMD:
  Php artisan migrate
  a. cd project_name
  b. project_name>npm i vue@latest

Inertia - Server Side Install

(a) Inertia composer installation
     composer require inertiajs/inertia-laravel
(a) Configure Blade Template Engine - Prepare Master Blade Layout /views/app.blade.php

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0,
maximum-scale=1.0" />
    @vite('resources/js/app.js')
    @inertiaHead
  </head>
  <body>
    @inertia
  </body>
</html>
```

(c) Create Inertia Middleware

```
php artisan inertia:middleware
```

(d) Add Inertia Middleware With Your Route Middleware
bootstrap/app.php
use App\Http\Middleware\HandleInertiaRequests;

```php
->withMiddleware(function (Middleware $middleware) {
        $middleware->web(append: [
        HandleInertiaRequests::class,
    ]);
    })
```

e) web:

```php
Route::get('/', function () {

    return Inertia::render('Home');
});
```

Inertia - Client Side Install

(a) Install Vue JS
npm install @inertiajs/vue3

Import resources/js/app.js
import { router } from '@inertiajs/vue3'

(b) configure app.js
npm i vue
resources/js/app.js

```js
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`]
  },
  setup({ el, App, props, plugin }) {
```

```
    createApp({ render: () => h(App, props) })
      .use(plugin)
      .mount(el)
  },
})
```

(c) configure vite
cmd: npm i @vitejs/plugin-vue

vite.config.js

```
import { defineConfig } from "vite";
import vue from "@vitejs/plugin-vue";
import laravel from "laravel-vite-plugin";
// import tailwindcss from "@tailwindcss/vite";
export default defineConfig({
      plugins: [
      laravel({
          input: ["resources/css/app.css", "resources/js/app.js"],
              refresh: true,
          }),
          vue(),
          // tailwindcss(),
      ],
      build: {
          manifest: true,
          outDir: "public/build",
      },
});
```

resources/js/Pages/Home.vue

```
<template>
    <h2>home page</h2>
</template>
<script>
</script>
```

Final

Php artisan serve

Npm run dev

`alidateCsrfTokens` method in your application's `bootstrap/app.php` file:

```php
->withMiddleware(function (Middleware $middleware) {
            $middleware->validateCsrfTokens(except: [
                '*', // all
                'http://example.com/foo/bar',
                'http://example.com/foo/*',
            ]);
})
```