

Video: [https://www.youtube.com/watch?v=-bJL00w5Mig&ab\\_channel=Team2Devs](https://www.youtube.com/watch?v=-bJL00w5Mig&ab_channel=Team2Devs)

Step 1: Creating a new laravel project,

composer create-project laravel/laravel laravel\_vue\_integration 11.\*

Step 2: npm install && npm run dev

Step 3: Install vue dependencies,

npm install vue@latest vue-loader@latest

Step 4: vite plugin install

npm install --save-dev @vitejs/plugin-vue

Step 5: now from vite.config.js, add **vue()**

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

Step 6: now from resources->views->welcome.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>Laravel</title>

  <!-- Fonts -->
  <link rel="preconnect" href="https://fonts.bunny.net">
  <link
    href="https://fonts.bunny.net/css?family=figtree:400,500,600&display=swap"
    rel="stylesheet"/>

  @vite('resources/css/app.css')
</head>

<body>

  {{-- ----- vue components will render here ----- --}}

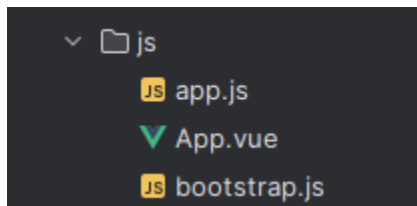
  <div id="app"></div>

  {{-- ----- vue components will render here ----- --}}

  @vite('resources/js/app.js')
</body>
</html>
```

Step 7: npm install && npm run dev

Step 8: creating a new App.vue file under js file like vue cli structure,



Now from App.vue,

```
<template>
  <p>App view</p>
</template>

<script>
export default {
  name: "App"
}
</script>
```

**\*\* Now from js->app.js,**

```
import './bootstrap';

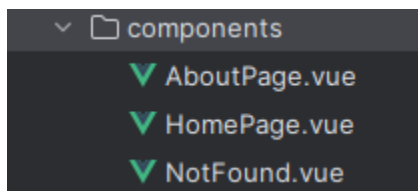
import {createApp} from "vue";
import App from "./App.vue";

const app = createApp(App);
app.mount('#app');
```

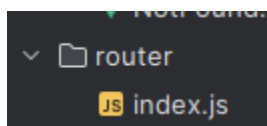
## **Step 8: Installing vue router in Laravel application,**

npm i vue-router@4

Step 9: Creating a folder named components under js folder, ekhane component page gula banay nite hobe,



Step 10: creating a router folder under js file,



**\*\* From index.js, code snippet,**

```
import {createRouter, createWebHistory} from "vue-router";

import HomePage from "@components/HomePage.vue";
import AboutPage from "@components/AboutPage.vue";
import NotFound from "@components/NotFound.vue";

const routes = [
  {path: '/', component: HomePage},
  {path: '/about', component: AboutPage},
  {path: '/*', component: NotFound},
];

const router = createRouter({
  history: createWebHistory(),
  routes
});

export default router;
```

Step 11: Now implementing router on app.js,

```
import './bootstrap';

import {createApp} from "vue";
import router from "@router/index.js";

import App from "./App.vue";

const app = createApp(App);
app.use(router).mount('#app');
```

Step 12: Now lastly modify the **web.php** file,

```
<?php

use Illuminate\Support\Facades\Route;

Route::get('/{any}', function () {
    return view('welcome');
})->where('any', '.*');
```