**IONIC E VUE**

Ionic is not that tecnology.

Ionic is a libary of UI components.

And this components happen looks like the natives contraparts when you look like android or ios.

But ionic the library alone will not give you a native mobile app, you can build a web app.

To get a native mobile app, you nedd another tecnolegy witch also develop by ionic. Call by Capacitor

**Capacitor –** Witch capacitor you can transform any web aplication HTML, CSS e JS into a native mobile app for android and IOS .

**Install Ionic cli**

npm i –g @ionic/cli

sudo npm install –g @iconic/cli

**Start Ionic project**

ionic start

- chose the framework

- project name

- start with a black application

Capacitor already pre install and pre-config.

Ionic vue-router is wrap around the normal vue-router just witch in extra animactions mobile animactions.

By default Ionic projects give you typeScript projects. You can esaly use just a js project use ionic

**Remove typescript dependeces of your ionic project.**

[https://ionicframework.com/docs/vue/quickstart#build-your-way-with-typescript-or-javascript](https://ionicframework.com/docs/vue/quickstart%23build-your-way-with-typescript-or-javascript)

npm uninstall --save typescript @types/jest @typescript-eslint/eslint-plugin @typescript-eslint/parser @vue/cli-plugin-typescript @vue/eslint-config-typescript.

Next step, you need change all to chage all ts extaxions to js

(only change files main.ts and index.ts of router)

**Use IONIC into your component.**

Import the register of componente that you want use.

Generaly registering components local is a best pratics.

import { } from '@ionic/vue';

We now can import all that componentes we want use here.

Wich components do we have?

<https://ionicframework.com/docs/components>

All this Ionic componentes start with Ion

import { IonPage, IonHeader, IonTitle, IonContent} from '@ionic/vue';

This will be 4 essencial componentes with you basecly need in Every new page with you build.

Always that you Building a page, or Building a componente, that you wrap the entire contente with you wanna load with the ion-page.

Its importante understand that every page tipicaly consists of 2 main parts that’s the heade, and the main content and toolbar.

The Title is the title of the page in the heade.

To render a list you need import IonList component and IonItem component.

The IonList and IonItem it’s div-group.

To pass a style on a componente do you need pass the proprietys into style file with a variable css

Interface gráfica do usuário, Texto, Aplicativo

Descrição gerada automaticamente

ion-toolbar{

    --background: var(--ion-color-primary);

}

Themes - Color Generation

In the docs of ionic, you can make your colors settings just into the ionic docs.

<https://ionicframework.com/docs/theming/color-generator>.

After than finished in generator you can go to your root and replace.

Score skeleaton (**ion-page, ion-toolbar, ion-header, ion-header, ion-title**)

When you work with ionic, the better solution in the vue world would be to build another component and then use composition to combine these different componentes to avoid reused.

**Folder:** Component / base / BaseLayout.vue

Lazy loader – Import the componente direct on atribute componente of router.

Of default of the Ionic aplication give to you the native transitions on the change of route or component

**Component**: ion-back-button Do a back function with out method associate

**Componant:** Ion-buttons is a specific componente wich should be used inside of toolbar or in you header. So the Ionic can position all the bottons you might have there. Can organization this bottons in a nice way.