* First step in any project is (to build folder structure and instal [main] libraries)
* Because the team lead is the only one responsible, so he builds this structure and push it on (main branch) and then all team members drive there branches with the same structure.

Notes:-

* Remove (strict mode) from the main.tsx file
* Because it makes the (useEffect) executes many times
* Open a new terminal from frontend part -> cd .. –> cd Backend
* Folder that contains more than 1 component
* Starts with a (lowercase letter)
* (vite-plugin-svgr) is used to allow (svg) to be imported as a component inside vite projects
* (import + configure it) in the (vite config file)

Like => import svgr from "vite-plugin-svgr";

 plugins: [react(), svgr()],

* configure in (tsconfig.app.json)

Like => "types": ["vite-plugin-svgr/client"]

* (import "../../assets/logo.svg?react")

Put (?react) at the end of the import

* <Navbar> <li></li> <li></li> </Navbar>
* This is a custom header called navbar which can be used in multiple page (But each page has it own links)
* So I send links as (children) to the cusom navbar to render them there.
* Instead of make the parent component flex and align items there, I can align child component from inside it’s styles by (align-self: flex-end)
* \*\*\* To make (Footer) appears at the bottom of it’s parent component

1. Parent component =>

(display: flex; flex-direction: cloumn)

1. Footer (Child) => (margin-top: auto)

* vite-tsconfig-paths => Allows us to type (@)in paths instead of ../ or ./

(configure it like vite-plugin-svgr)

* All plugins installed on vite project have same congiuration in (vite.config.ts, tsconfig.app.json)

((( but here tsconfig I put the routes I want )))

And (imported in the same way)

Commands:-

npm i typescript -g

npm create vite@latest

npm install

npm i axios

npm i react-router-dom

npm i react-redux

npm i @reduxjs/toolkit

npm i react-bootstrap

npm i bootstrap

npm i vite-plugin-svgr

npm i vite-tsconfig-paths

* npm init - npm i json-server

Technologies:-

React

Typescript

Axios

React-router-dom

React-redux

Redux toolkit

React bootstrap

Bootstrap

vite-plugin-svgr

vite-tscongig-paths

-- json-server

Questions:-

1. What is (SWC), what is the difference between it and (Babel)