I- Links

1- Live deployment link

We used vercel to deploy a production version of the app.

➢ https://to-do-task-mekontso.vercel.app/

2- Github repository

You can find the source code of the app here

➢ https://github.com/mekontso/to_do_task_2

II- Technology used (Framework, libraries)

1- Framework

➢ VUETIFY.JS for User Interface design

2- State management

➢ VUEX

3- Other

➢ Material design icons font

➢ Font awesome

➢ Vue-meta

III- Files and folder's structure

1- Public folder

This folder contains de mains index.html file which is the main skeleton of the site and the images folder where public assets are uploaded.

2- Src directory

This folder contains the main source code of the app.

1- Component's folder

This folder contains all the vue.js components of the app. To ease future maintenance and reuse of code, I split the app into components. Each component contains the implementation of some specific requirements.

> ➢ CustomSnackbar.vue is a component that holds the code for displaying messages to the user. This component is controlled by snackbar.js VUEX module in the store folder. It will display error messages, warning messages, success messages based on the mutation that is committed.
>
> ➢ TheFooter.vue is the component that hold the code for the footer of the site
>
> ➢ TheHeader.vue. is the component that holds code for the application bar on the top of the page/
>
> ➢ TodoDataTable.vue is the component that display the todo's in a v-data-table component. Data is passed through props. Methods are implemented to perform update and delete operations by clicking on data table items. This component uses the todo.js module to call some actions. (Delete and update)

- ➤ TodoListAdd.vue is the component that contains the form for adding a todo. The form is in a dialog that appears when we click on the add button. The component uses the todo.js module to manage the form fields directly from the VUEX store.

- ➤ TodoList.vue is the component that displays the todo table and the todo form. This component uses the TodoListAdd.vue and TodoDataTable.vue componenets.

2- Plugins

- ➤ Vuetify.js is the configuration file fir the vuetify,js framework.

3- Store

- ➤ Index.js is the configuration file for VUEX store. All modules are imported in this file.

- ➤ Auth.js is a module that handle the user data. In an important app this file is where the authentication function wills be stored.

- ➤ Snackbar.js is a module to manage the snack bar bar state. It contains functions to display messages to the user

- ➤ Todo.js is the module to manage the todo's data on the site.

4- App.vue

This component is the main entry point of my vue app. Is make use of some other components,

5- Main.js

This file is where the Vue instance is created. The vuetify.js plugin, the VUEX store are imported in this file. The app is then mounted on the app element that is in the index.html file we talked about in the public folder.

6- Package.json

This file contains all the dependencies used for development.