UI Technical Test

You have been provided with a project ASSET DASHBOARD (NEXTJS + React + Typescript ). Your task is to create a responsive app to display Assets and its details. The app should be responsive to fit mobile, ipads/tablets and desktop screens. You have been given a set of mock data which is to be used as the initial state of data.

Tailwind css dependency has already been added, feel free to use any other UI library of your choice.

Suggested **Node version**: 20.11.0, **NPM:** 10.2.4

1. Create necessary interfaces to represent the asset data provided in **asset\_dashboard\src\Data\AssetData.ts.**
2. On the main page, display all the Assets and its children. The display should be in hierarchical order reflecting parent -> child relationship. Asserts should also be sorted in ascending order of their ID values.
3. Add a filter to filter assets by Type and IsMonitored status.
4. On clicking the individual asset user should be directed to a new asset details page, where you can display every possible detail of the asset.
5. Add functionality to add, update and delete asset and its attributes. Any changes to the data should reflect on both the Main and asset detail page.