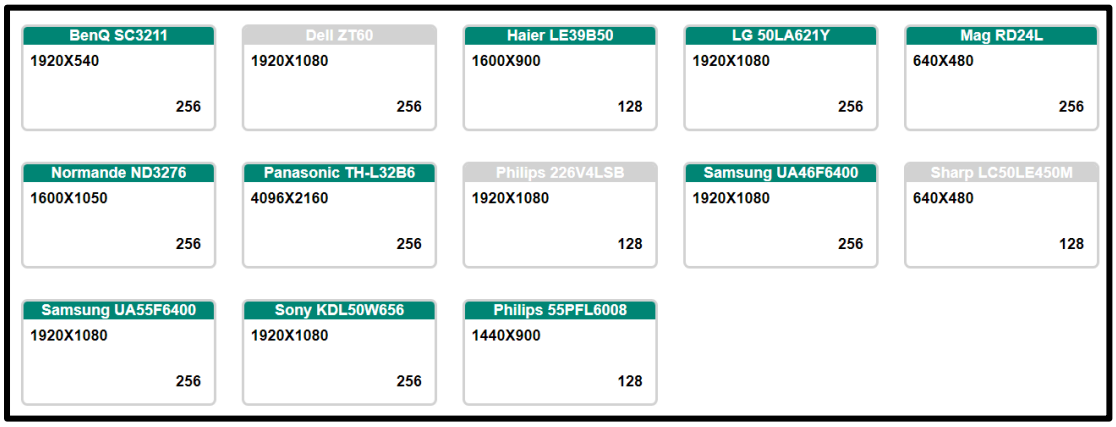
EDID parser- Angular

Your task is to retrieve and present data from multiple JSON files, each representing a specific monitor's Extended Display Identification Data (EDID). These files are in the "JSONmonitors" folder. Your goal is to display the data like this (UI appearance is important):



Instructions:

1. Retrieve the data from each JSON file (do not modify the files). You can assume you have the file names in an array like this:

```
const fileNames = ["BenQ SC3211", "Dell ZT60", "Haier LE39B50", "LG 50LA621Y", "Mag RD24L",
"Normande ND3276", "Panasonic TH-L32B6", "Philips 55PFL6008", "Philips 226V4LSB", "Samsung
UA46F6400", "Sharp LC50LE450M", "Samsung UA55F6400", "Sony KDL50W656"];
```

2. Display the data like the image above.
3. If the status is 0 (disconnected), change the header color to grey.
4. Allow to select/unselect cubes by clicking on them:
    - Highlight the border.
    - Allow for Multi-selection.
    - Select only enabled EDIDs.
5. Data of EDIDs should be saved locally and not be fetched the next time the app loads.
6. Add a search input that upon typing should show only relevant EDIDs.
7. Add a feature that enables the user to sort EDIDs by each field.
8. Show a responsive design approach.
9. **Bonus 1** (+30 min): Build the app with state management (any solution of your choice)
10. **Bonus 2** (+45 min): Write either:
    - A unit test for one component or service in the application
    - An e2e test with any framework of your choice

Code architecture and design are very important!

Good luck