

Shapes Grid

Please create a react application what is going to list the items from the provided shapes.json file. The items listed can be filtered by shape and color. The selected filters should be reflected to the grid title.:

Details:

Filters:

1. All the filters should be selected by default.
2. Multiple filters can be selected, selected filter should change their color or should have a border. See shapes.jpg for reference.
3. Deselecting the last filter, should default to all selected.

Grid Title:

1. The title should reflect change based on the selected filters, please see examples below:
 - a. When all the colors and shapes are selected: "All items:"
 - b. When all the colors and a multiple shapes are selected: "Multiple items:"
 - c. When all the shapes and multiple colors are selected: "Multiple items:"
 - d. When all the shapes and a single color is selected: "All red items:"
 - e. When all the colors and single shape is selected: "All round items:"
 - f. When multiple the shapes and a single color is selected: "Multiple red items:"
 - g. When multiple the colors and single shape is selected: "Multiple round items:"
 - h: When a single color and single shape is selected: "Round red items:"

Requirements:

- The grid items should be painted with css
- The application should be responsive, do your best based on your experience. :)
- Please use redux for listing and filtering items. You can map the data from shapes.json using mapper functions however you prefer.

Optional:

- Having 100% jest test coverage is a plus
- Using flow for type-checking is a plus.
- Providing a second solution without redux is a plus.

Please send a link with the repository where the solution lives, also provide a setup guide in Readme.