In this project, I created an online zine for a Brown/RISD group called Discover. The site had three main types of content (event, thoughts, and projects). I aimed to make the content easy to search through by utilizing two different types of filters (type and person) and sorting (most recent, least recent) to parse through and organize the data, thus increasing usability.

https://github.com/vxu4/development_proj

At the above link you'll find all the necessary files to run my code and see my site. First download the files, then open terminal and follow the following instructions.

1. Once everything is downloaded, move into the directory in which you downloaded the files from github
2. Run npm start to start your app
3. In your browser, go to http://localhost:3000/ to see my site.

I designed my interface in accordance to principles of usability, memorability, and efficiency. To make it usable and learnable, I kept the interface clean and simple, with sorting and filtering labeled clearly. I also made sure these buttons had some indication of clickability, given through the shading of the button. To further enhance usability, I made sure to display both attributes of each item that I was sorting on: type of event, and person. This way it's more intuitive to users what's going on when filtering occurs.

Furthermore, I spaced out the buttons and search bar to give each element some air and individuality. A key part of my memorability design is how the images that illustrate event, thoughts, and projects are different. Thoughts are indicated with an initial and thought bubble. Projects are indicated with a relevant picture in the shape of a circle inside the rectangular solid background. And events images are all done in the same photo cut out and handwritten title style. This way the different types of elements were distinguished, but because they all rely on a solid colored rectangular background, they all seem unified and part of the same overall site and content.

Aesthetically, I repeated the colors of the Discover logo in the text to unify the site more. I also stuck within a fun, playful palette to compliment Discover's brand of being accessible, creative, and fun while also thoughtful.

The data structure of my code starts in App.js. Here, I define and set up the information for each element of the contents of the site in a constant array called content. This information is then passed into my FilteredList component, which calls on my List component to render each element and its information based on my design decisions. Users can trigger certain filterings and/or sortings on the list through uses of eventKey and functions like on Filter Type, which set the state and allow us to filter and sort according to the user selection. In order to have two filters working together, my filterItemType actually checks the state of both type and person to filter. Then, I sort the then filtered list based on a comparator I wrote which sorts the content by how many weeks ago it was.