

Bradley Dinger

Kyvernitis

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Proposal

Name of component - **“Flipping Filterable Image Cards with Typewriter Title”**.

Description - This component will take an object list that provides an image, as well as some information about the image like tags, a name, date, ect. The object should have tags if you want it to be filterable. The image will be on the front of the card while the information will be on the back. The information on the back is revealed with a flipping animation using CSS. This flipping will occur when the card is being hovered on. There will be a variety of cards in the set and these cards will have tags that can be used for filtering. Each tag will have a button above the set of cards. These buttons will have onclick events that, when clicked, will change the card set to only show the cards with that button's tag. The make functions output will include a div(container) that has several child divs. One child div will be the title that has the typewriting effect. Another will hold the filtering buttons and another will hold all the picture cards. The cards are child divs of the gallery.

Something to add - Something I may add, time permitting, is the users ability to add/delete cards. I would display an adding button above the table which can allow users to upload pictures with their own information and tags, that can also be filterable.

To do this I would have to utilize local storage, so the images would not disappear on refresh.

Links -

https://www.w3schools.com/howto/howto_js_filter_elements.asp

https://www.w3schools.com/howto/howto_css_flip_card.asp

https://www.w3schools.com/howto/howto_js_typewriter.asp