

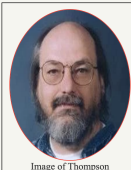

Review of lab183's Assignment 2

Do images filter correctly when clicking names?

The names of the authors aren't provided in a list in a separate box. Instead, you can click the names that appear in the table, and once clicked, the table is correctly filtered. The functionality is there, but we'd've really liked to see a separate list of authors outside of the table.

ALBUM

Search

Image	Author	Alt	Tags	Description
	Ken Thompson	Image of Thompson	prof,man,smart	Ken Thompson did stuff with computers.
	Ken Thompson	Image of Thompson	prof,man,unix	Another image of Ken Thompson.

After clicking 'Ken Thompson' in the table, the table only shows pictures of Ken Thompson

What happens when you "unclick" a name?

When a name is unclicked, the table stops filtering by that name; it will once again display all authors. So this functionality is implemented fully and correctly.

Search


Image	Author	Alt	Tags	Description
	Enrico Fermi	Image of Fermi	prof,manhattan,smart	Long description of image of Fermi.

Table after clicking 'Enrico Fermi'.

Search


Image	Author	Alt	Tags	Description
	Grace Hopper	Image of Grace Hopper at the UNIVAC I console	programming,linking,navy	Grace was very curious as a child; this was a lifelong trait. At the age of seven, she decided to determine how an alarm clock worked and dismantled seven alarm clocks before her mother realized what she was doing (she was then limited to one clock).
	Enrico Fermi	Image of Fermi	prof,manhattan,smart	Long description of image of Fermi.

Table after clicking 'Enrico Fermi' again.

Has the bonus been implemented? If so, does the bonus work correctly, also when clicking names etc.?

The bonus has been implemented semi-correctly. You can search through the authors using the search bar even when the name filters are on. However, they kept their search

case-sensitive meaning that if a picture has the tag 'chess' it won't appear if I search by the filter 'Chess'.

Image	Author	Alt	Tags	Description
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Photo Album

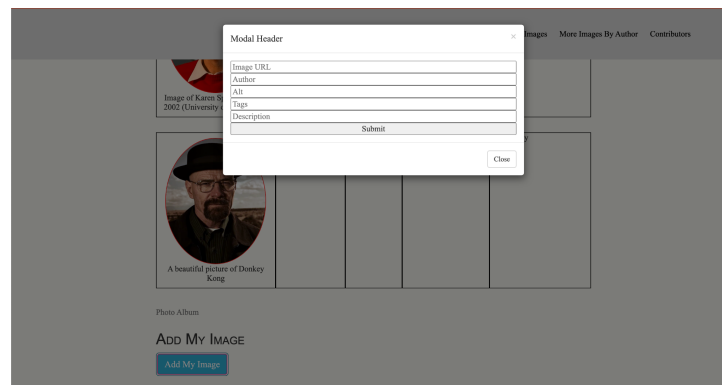
Searching 'ken thompson' in lowercase will not show his images because of the case sensitive search

How does their modal form work?

For their modal they use the modal library *Bootstrap*. This handles the Javascript and CSS of a modal. To trigger the display of the modal, the 'Add my Image' button element has attributes `data-toggle="modal"` `data-target="#myModal"`

This correctly starts showing the modal which contains 5 form inputs and a submit button to add the image, as well as a button to close the modal.

To detect the submission of their form there's an event listener for the clicking of the submit button. This does work, but an event listener for the form submit event might've been better.



Clicking 'Add My Image' brings up this modal, which nicely darkens the background.

Can you update, reset, and upload new images?

Uploading images is fully functional, and provides a modal in which the form can be filled out. The reset button also works entirely as intended. The update functionality also works, though it is a little hard to use, as you can only choose the element you're updating by the name of the author- even though there's multiple elements with the same author name.

There are multiple Ken Thompsons, so you can't know which image you're editing

Is their gallery content properly dynamic, e.g. is the content data loaded from the <https://wt.ops.labs.vu.nl/api23/> server?

Their gallery is properly dynamic. All content is properly loaded from the api and when adding, resetting or updating an author the api updates accordingly.

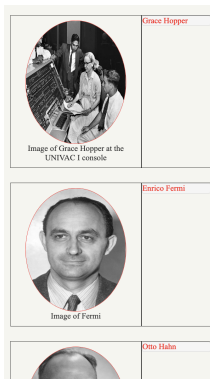
```

}, {"id": 501954, "author": "Donkey Kong", "alt": "A beautiful picture of Donkey Kong", "tags": "monkey, primate, nintendo", "image": "https://upload.wikimedia.org/wikipedia/en/0/03/Walter_White_SSB.png", "description": "big monkey"}

```

The end of the updated api after we have included a new author

Does submitting new images work on a single page, and does the new image show up without a reload?



Submitting an image does work on a single page and the site does not require a reload to show this new image. However, when adding or updating with a filter currently active, it will cause the filter to reset and all names to appear in red.

All author names are red, when only filtered names should be.

Actionable feedback

One big thing we noticed in the Javascript file is that not once `async/await` is used. Instead, the code uses `.then()` and `.setTimeout()`. Especially the latter really isn't recommended, as the amount of time it takes for your request to finish can scale to be beyond the amount of time you wait, and if it takes less time waiting for 2 seconds unnecessarily slows down your program. Using `async` and `await` would've made the code clearer, simpler, and more scalable.

There is also an issue wherein when the table is reloaded while a filter is active, all the names maintain their red color. This should be an easily solvable issue by just removing the red class on table reload.

What we learnt

By reading the code we have discovered that `.then()` can work similarly to the `async` and `await` keywords. Furthermore, we think that the use of a drop down menu which lets you select the author for the update button was an interesting option for easily displaying all available options that we hadn't thought of using for our site.