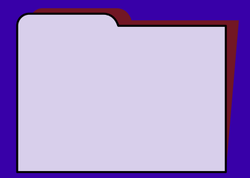
Big Project Part 4

What are we going to do today?

Deleting Items

Updating Items

Some background info...



JavaScript

- Programming language made for developing websites
- Most know for building frontend web applications
- Used in combination with HTML and CSS

JavaScript

JavaScript
Structures

Function structure

- function function_name (parameter_name) {
  body_of_the_function
  }

)

JavaScript

JavaScript
Structures

For Loop Structure

- for (let i = 0; i < number; i++{
  body_of_the_function
  }

Appending elems to the end of Array/List

- name_of_array.push(elem)

JavaScript

JavaScript
Structures

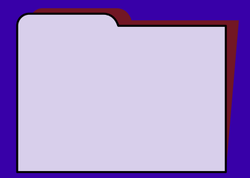
Structure of using function with parameter/s like ${} then you must use template strings!!

``

JavaScript

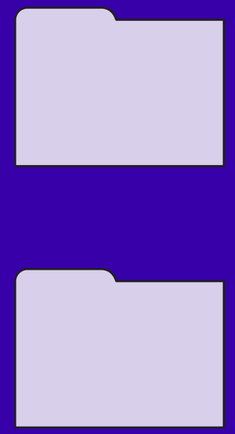
We hope you are having fun! ;)

Let's get started!



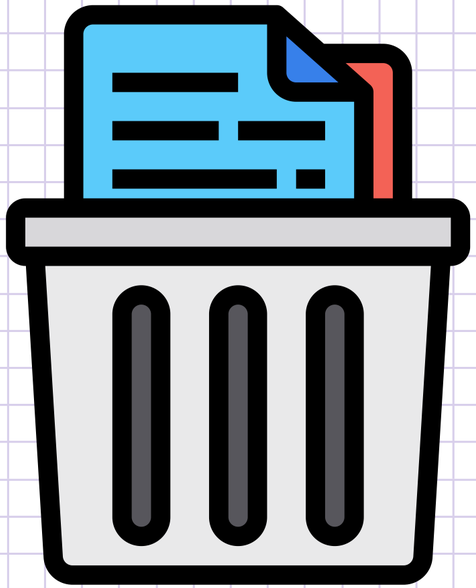
If you were not here last week ...

Fork the following repository: https://github.com/infpals/ip2022-big-project-template-updated



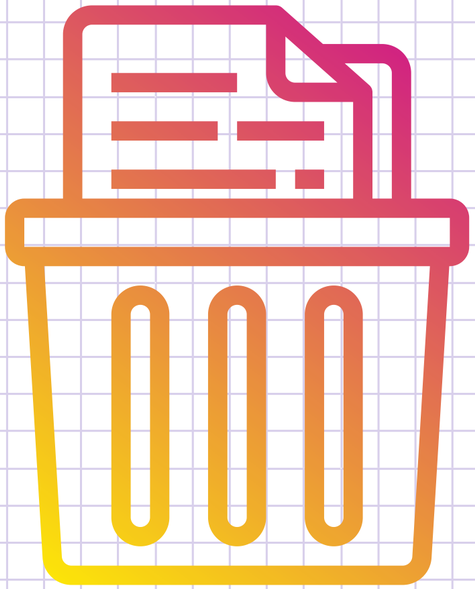
Deleting Items

Deleting Items



1. First we need to able to edit the text content of each item
    - We do this by calling function contentEditable on listEl, setting it to true in the function createItemEl in our JS.
        - Look what it does! (▰˘◡˘▰)

Deleting Items



2. Then we want to be able to update the item which we changed to our local storage
    - We do this by calling id on listEl and setting it to index and then bellow we add listEl.setAttribute('onfocusout', `updateItem(${index}, ${column})`);
    - all of this is done in our function createItemEl and the updateItem function is function we are gonna create next

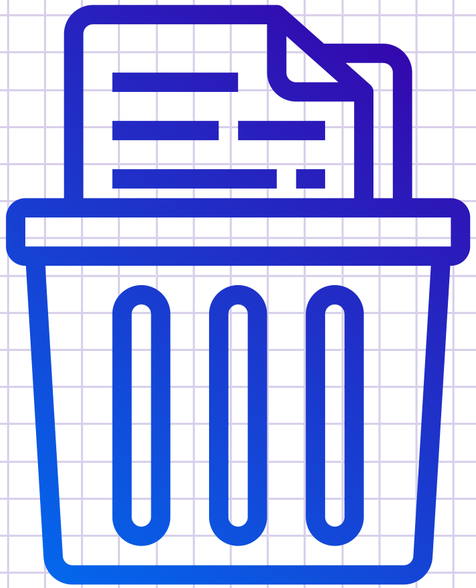
Deleting Items

3. Now, let's create our updateItem function
    - Create a function updateItem passing it two parameters id, column
        - Inside create constant selectedArray and set it to listArrays[column]
        - Inside create constant selectedColumnEl and set it to columnsList[column].childrен;

Deleting Items

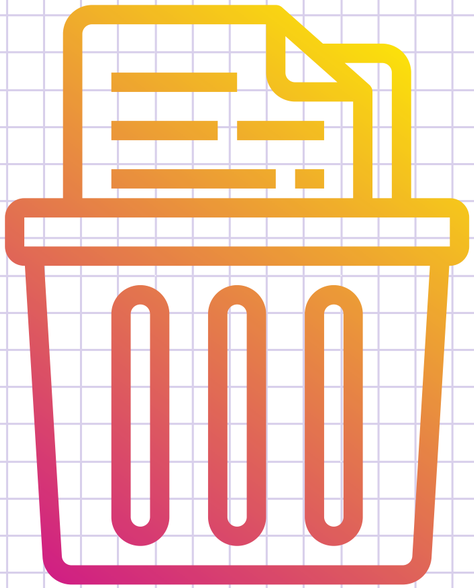
4. Let's now create condition to check if the program should delete that item
    - Inside updateItem write if statement where the condition is checking if the content of selectedColumnEl is empty
        - selectedColumnEl[id].textContent
        - Inside our if statement we want to delete selected Item from selectedArray
            - delete selectedArray[id]
    - lastly inside updateItem we want to call our function updateDOM
        - Look what happens when we load the page ●‿●

Deleting Items



5. The placeholders which are empty do not disappear (╥﹏╥)
    - For them to completely disappear we need to create a new function in our js call filterArray with the parameter array
        - Inside we want to create a constant called filteredArray and set it to array.filter(item => item !== null)
        - Bellow just return our filteredArray

Deleting Items

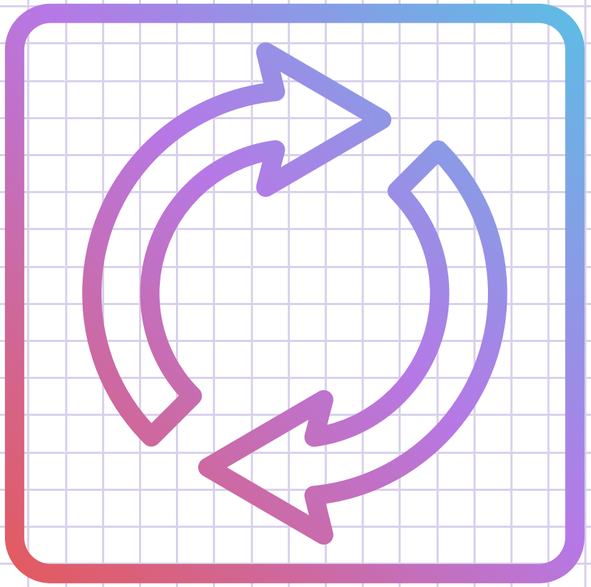


6. Lastly, we just need to update our DOM (updateDOM function) and we are ready to check out our new feature!
    - In each section dedicated to each column set the array dedicated for that column to function filterArray passing it array for that column
        - EX: backlogListArray = filterArray(backlogListArray);
    - Check your page now - try to delete some elements! (✿♥‿♥)

Updating Items

In our Local Storage

Updating Items



Note!

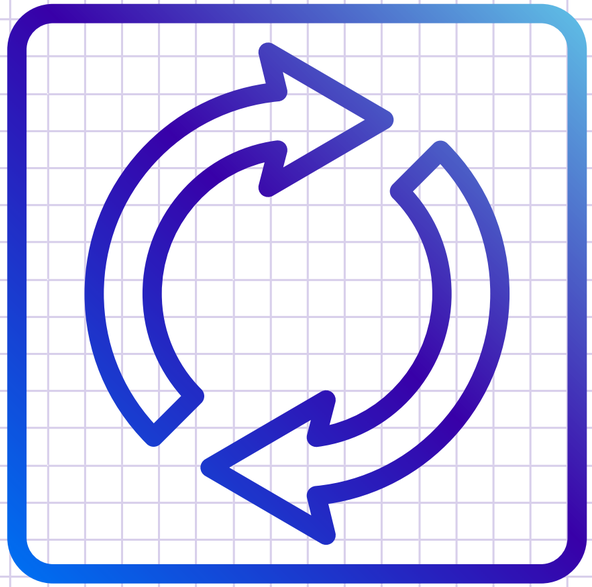
Good news! A lot of work has been already been done for us.

The only thing we need to do is some logic. Why cant we just set selectedArray[id] = selectedColumnEl[id].textContent in updateItem, you may ask.

Well bc if we do it we break the drag and drop functionality.

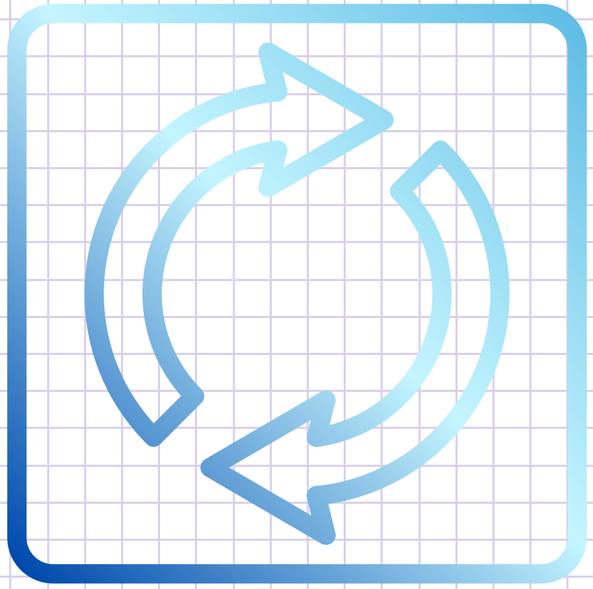
1.In order to resolve our problem we need to introduce a new global variable called dragging and set it to false

Updating Items



2. When we start dragging an item we want to set our dragging variable to true and when we drop our item we want to set our dragging variable to false again
    - set dragging to true in drag(e)
    - set dragging to false in drop(e)

Updating Items



3. Lastly we just want to set up the logic in our updateItem function.

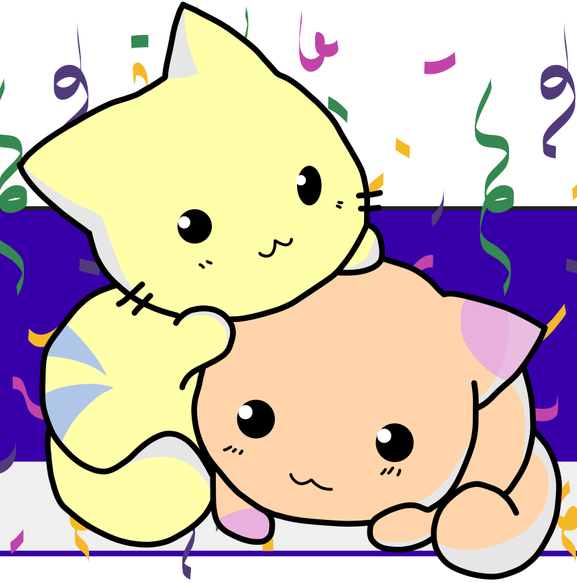
So we want to say if we are not dragging then

if selectedColumnEl[id].textContent is null then delete selectedArray[id]

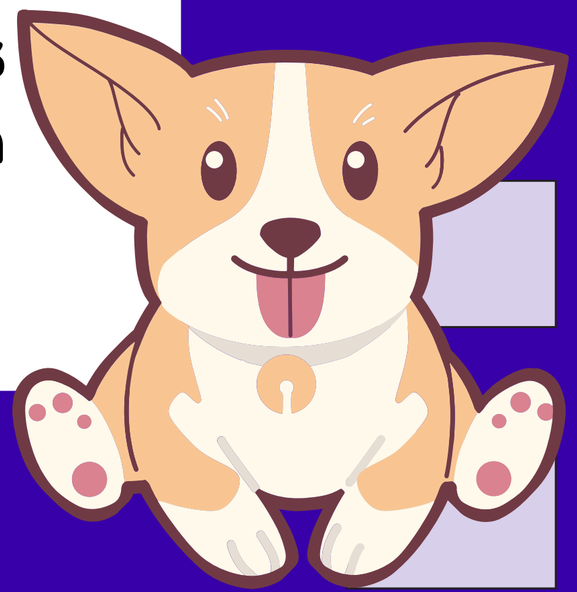
else selectedArray[id] = selectedColumnEl[id].textContent

at the end we want to updateDOM

Try it now!
Everything should work!



Thank you so much for participating in this project! We are very proud that you came this far and we hope you enjoyed this journey with us! Love your InfPals!



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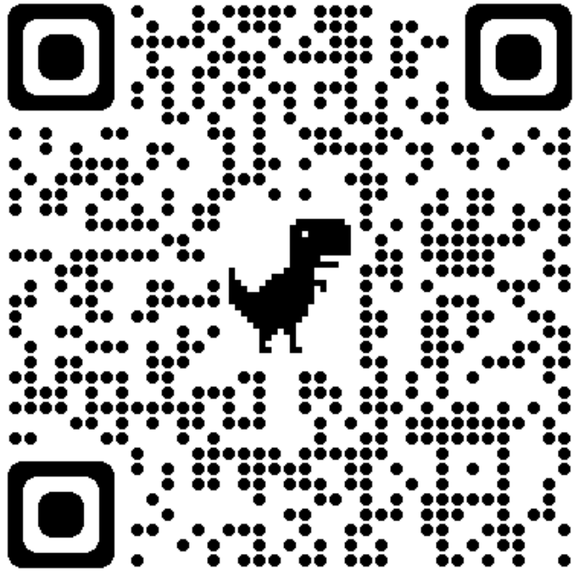
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