

16. Events & Events handling

Agenda : (exercises) → (DOM Manipulation)

- ✓ Filter problem (BMS)
- ✓ Keyboard events
- ✓ Remove / Remove All flows. (Todo List)
- Destroy & Create buttons.
(Dynamic DOM manipulation).

High level approach to impl. dynamic files.

THINKING
process
to develop

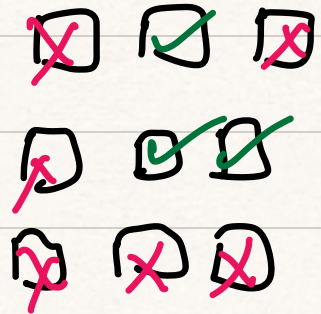
- 1) Initialize the page → make sure document is fully loaded to ensure all elements are accessible
- 2) Access dropdown menu → Identify & select the dropdown menu element of the page
- 3) Monitor dropdown changes.

4) Retrieve selected category (value)

5) Access ^{All} movies elements.

Empty

6) Figure out which movies to select
(based on category) . (A, S, C)



7) Update movies list (visibility)

8) 'None' filter (reset).

9) Done / Apply changes.

node . parentElement // gives
parent
node

* Keyboard Scroll

Approach :

- 1) Listen for key press (Event listener on keyboard)
- 2) Select / Know which key is pressed.
[1, 2, 3, t, b]
- 3) Scroll to specific section [SCROLL logic]

1, 2, 3



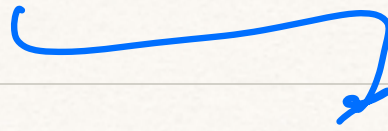
1 → Section-1

2 → Section-2

3 → Section-3

t, b

Scroll
(method)



position = 0

t → Scroll to top

b → Scroll to bottom

(height of page)

↓
go down

Locate specific section
on the page (ID)



*

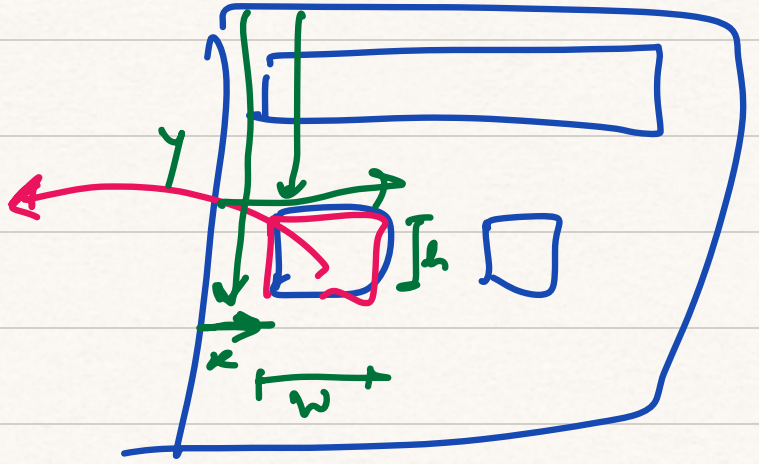
getBoundingClientRect()

position & dimension

(x, y) ?

$w \rightarrow ?$

$h \rightarrow ?$



*

top, left, bottom, right, width, height
 x, y

*

Elem. ScrollIntoView()

Remove / Remove All

Approach :

Remove

↳

- Select can delete button
- Add event listener
- For each button, delete parent.(li)

Remove All

↳

Delete Ul7.

Remove All

Task 1

Task 2

Task 3

Remove

Remove

Remove

<ul7>

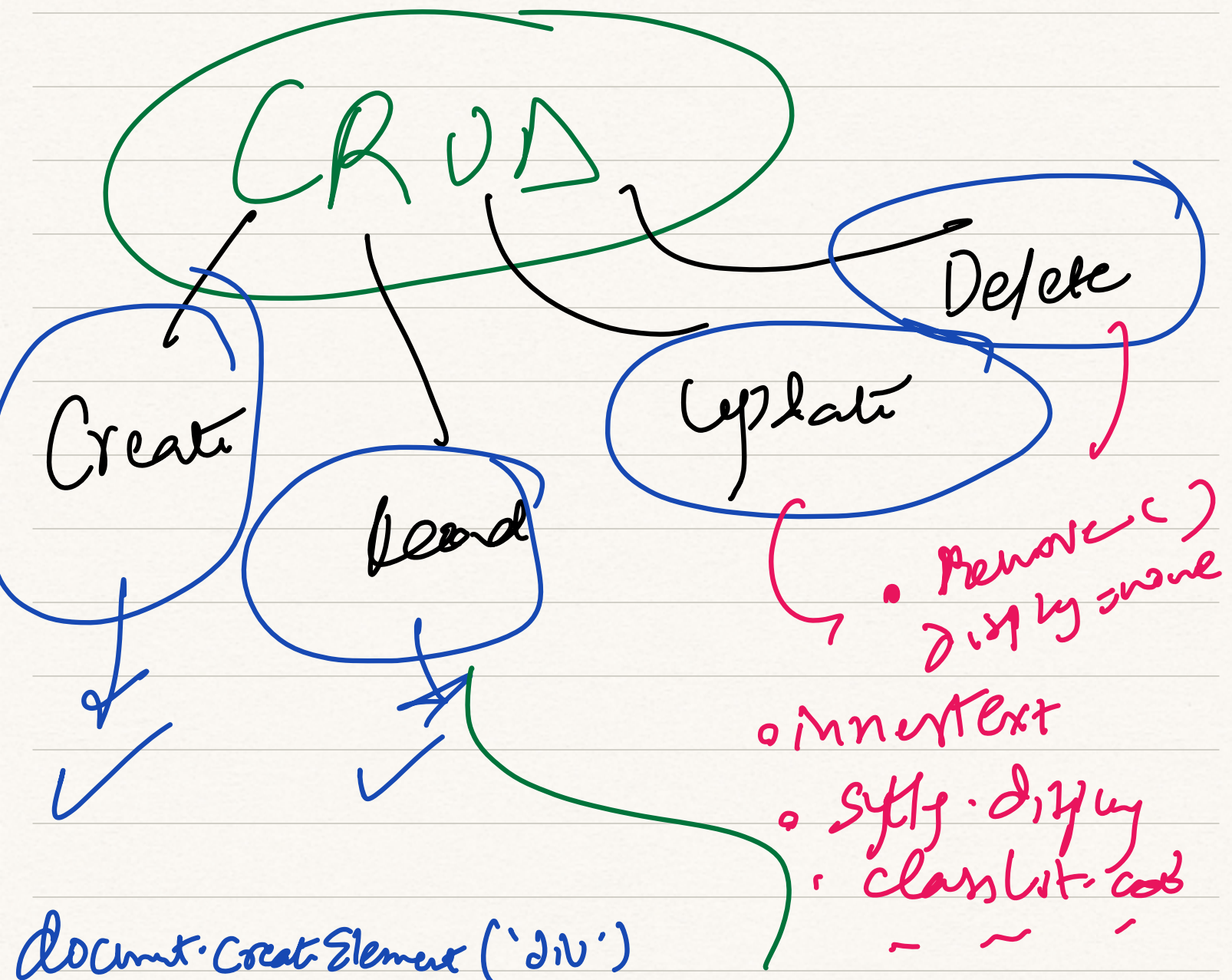
<p> Task 1 </p>

<button> Remove </button>

— — — —

</ul7>

Node.remove() // Remove the node from the DOM.



document.querySelector('div')

