DWA_07.4 Knowledge Check_DWA7

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1. Which were the three best abstractions, and why?

The first best abstraction was putting all the element selectors into an object, because it kept all element selectors together and it could be accessed at any time.

The next best abstraction was to put the form submit functions into their own functions that could be called at any time.

The next best abstraction was to create a function to create the html for the option element in the search modal.

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2. Which were the three worst abstractions, and why?

They aren't really bad abstractions, they may just not be that useful, but the first worst abstraction was to change the code to where the dark or light mode is changed to use ternary operators for better readability.

The next worst abstraction was to not put all the different functionality of the interface into different files.

The next worst abstraction was to not let all functions carry out a single responsibility.

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3. How can The three worst abstractions be improved via SOLID principles.

I could of used the Single Responsibility Principle (SRP) to separate the different functionalities of the code so that there remains a separation of concerns.

I could of used the Interface Segregation Principle (ISP) to separate the different parts of the interface to not depend on the methods that it does not need.

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