DWA_01.3 Knowledge Check_DWA1

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1. Why is it important to manage complexity in Software?

So that we can improve the readability of the code.

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2. What are the factors that create complexity in Software?

Programming is complex
Evolving requirements
Technical debt
Scaling

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3. What are ways in which complexity can be managed in JavaScript?

Mindful of the code style
Style guides
Documentation of comments
Built modular
Abstraction

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4. Are there implications of not managing complexity on a small scale?

It is manageable
You should improve the performance of the the code

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5. List a couple of codified style guide rules, and explain them in detail.

Indent- use 2 spaces for indentation.
 Quotes-use single quotes for strings except to avoid escaping.
Keyword-spacing-add a space after key words
Only include one React component per file
Always use JSX syntax.
Do not use React.createElement unless you're initializing the app from a file that is not JSX.

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6. To date, what bug has taken you the longest to fix - why did it take so long?
It was the search button function ,because i underestimated the code.

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