

GROUP DISCUSSIONS

GROUP MEMBERS	<ul style="list-style-type: none"> • Ren Sodalín • Leng Menghan • Soeun sokvipor • Kruy Seyha
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Discuss in group (3 to 4) on bellow topics.



Present your outcomes to the whole group.

DISCUSSION 1: LAST PRACTICE DISCUSSION

- First, share the points you **could not perform** well during the last practice: does someone know how to solve them?



Challenges Faced:

- **Duplicate Place Titles:** In our last practice, there was an issue where place titles appeared multiple times when rendering the Place component.
- **Component Structure:** Some members struggled with understanding how to separate UI and logic properly.
- **State Management:** Handling selected places dynamically was a bit confusing for some members.



Solutions Found:

- To **prevent duplicate titles**, we reviewed how Place was rendered inside the loop and modified the component structure to ensure each place was only displayed once.
- We **refactored components** to make sure UI and logic were properly separated, improving readability and maintainability.
- For **state management**, we explored using useState to track the selected place dynamically.

- Then, **compare your codes** among the team: which solution is the better? Cleaner?

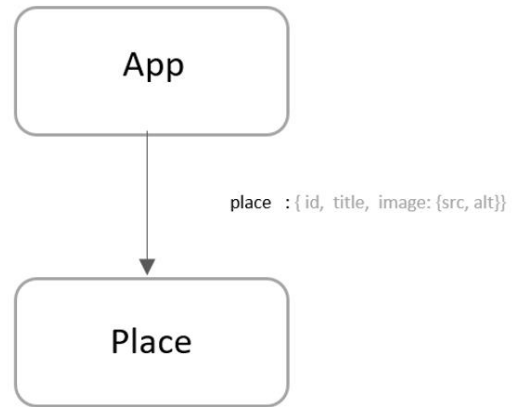
After reviewing all team members' solutions, we noticed differences in efficiency, readability, and structure. Some solutions had issues like duplicate place titles and unnecessary component re-renders. Among the team, we identified one solution as the best and cleanest. Unlike other solutions that repeated place titles, this one correctly ensured each place appeared only once. It also optimized the .map() function, reducing unnecessary re-renders and improving efficiency. Additionally, this solution had well-organized components, making the code easy to read and maintain. With clear variable names and a structured layout, future modifications will be simpler.

DISCUSSION 2: IMAGINE AN APP USING COMPONENTS!

Do you remember last practice? You had to design a component **Place** that takes as an argument a **place data structure**.



MOCK-UP



COMPONENTS INTERACTION

Image another app!

- Think about an application and identify how you can use components to re-usage similar widgets
- Your component must take at least 1 parameter
- Your component must be used at least 2 times

To present

- Your app mockup
- Your component(s) you have identified
- Your component(s) parameters