

In developing the Pokémon Search application, I made strategic decisions to balance functionality with development time constraints.

1. Given the time constraints, I chose not to build the rich text functionality from scratch. Instead, I referred to the official Lexical documentation and followed their [guides](#) closely to integrate features like the Toolbar into the application. With more time, I would have preferred to customize it further.
2. The current approach of fetching all Pokémon data and then passing it to the PokemonPlugin is not the most optimal method. A more productionize direction would be using a state management library like Redux to globalize Pokémon data to reduce redundancy and improve performance.
3. I spent a lot of time implementing the @mention function for a more interactive search feature. Unfortunately, I was unable to achieve automatic text selection within the given timeframe. This feature would be my next focus if I got more time.
4. An easier improvement for the Search and Add Pokémon button would be the AlertComponent. Due to time constraints and logic considerations, this feature has not been implemented yet but would not be difficult to add.
5. For adding Pokémon, it would be beneficial to allow users to upload pictures when adding a new Pokémon.

Despite these trade-offs and known issues, the application serves as a good foundation for a Pokémon search tool with clean code, logical structure, and detailed comments. I believe I could further refine and develop it with additional time.