Pokedex App

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1.Description: The Pokedex App project aims to develop an interactive application for cataloging and exploring Pokémon data using SQL and Java. The application will offer functionalities for users to efficiently search, browse, and manage information related to Pokémon species, including their attributes, types, abilities, and evolutionary chains. It will also allow users to login and maintain their personal pokemon rosters.

2. Functionalities to Implement Using SQL:

1. **Search by Type:** Users can search for Pokémon based on their primary or secondary types.
2. **Search by Generation:** Users can filter Pokémon based on the generation they were introduced in.
3. **Search by Attack Types:** Users can find Pokémon that have specific types of attacks.
4. **Detailed Pokémon View:** Users can view comprehensive details of a Pokémon, including abilities, stats, and evolutionary information.
5. **Search by Efficacy of Attack**: Given some pokemon, the program finds suitable opponents.
6. **Pokemon Roster Formation:** Create and edit pokemon rosters.
7. **Add New Pokémon:** Users can add new Pokémon to the database, providing information such as name, type, abilities, and stats.
8. **Update Pokémon Information:** Users can edit existing Pokémon entries to correct errors or update information.
9. **Delete Pokémon:** Users can remove Pokémon entries from the database if needed.
10. **Finding Effective Moves**: Give 2 opponents, find optimal attack to win the duel.
11. **User Login/Signup:** Allows users to login to their accounts to maintain their personal rosters.