

Build a mini Pokédex

Background

Recently we received a request from a family whose kids love to play Pokémon GO. The parents are interested in a good app where they can show their kids a new Pokémon daily.

For the Parents

The parents want to be able to visit the app and see at least one randomly chosen new Pokémon. This Pokémon should change each time they visit the page. The kids can choose one Pokémon for their parents to show them, and the page will display details of that Pokémon for the parents to read. If the kids are not interested in the Pokémon shown, the parent wants to be able to select a new random match. The parents also want to bookmark certain Pokémon to revisit later.

For the Kids

The kids are very curious! They want to see the image, name, possible evolutions, and requirements for evolution in a kid-friendly, colorful UI. If the kids collect a Pokémon in Pokémon GO that they have never seen before, they want to learn more about that Pokémon. The kids are not always good at spelling and might be unhappy if their search returned no results! A mini library that lists Pokémon by name or relevant search keywords would be super helpful.

Tech Requirements

PokéAPI has a great connection with the Pokémon GO community, with a fresh REST API v2 (<https://pokeapi.co/docs/v2>) and a beta running GraphQL API (<https://pokeapi.co/docs/graphql>). Please choose one to use. Use Git to keep track of your progress. You can choose any third-party library to build the app, but make sure you can argue why you've selected it. We are going to demo your app, so ensure your code can run it for us.

Finally

REMEMBER: The family will always ask for more features because they really want an awesome app. Please trust yourself to choose the most important features and functions. Not all features will be required to complete before the first demo.

CODING rules: Clean code, easy to read. It is up to you to set up testing.

DOCUMENTATION: A good place to deliver messages to the people who read your code is the README.md file. Please consider writing a bit about how to run your code or even the major features.