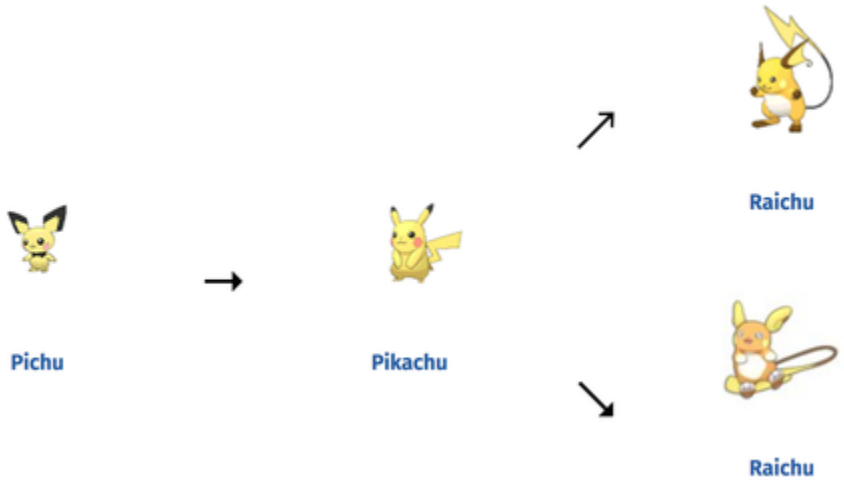
Senior Frontend Developer

For this task, use the Pokeapi to create a Pokémon "app." Even if you already know about Pokémon, read the background section for information on data structures. The purpose of this test is to evaluate your knowledge of JS, your general coding practices, and your problem solving skills. This assignment is time boxed: please return it back 2 hours after reception.

Background on Pokémon:

Pokémon is a video game where players move through a world, catching and training animals called Pokémon. Each Pokémon belongs to a **Poké mon species**, such as Charmander or Pikachu. Over the course of their lives, Pokémon of one species can strengthen and evolve into a Pokémon of a different species. For example, Charmander is a specific species that can evolve into the species Charmeleon and Charizard. Therefore all three of these Pokémon species have the same **evolution chain**.

Here's an illustrative depiction of four Pokémon species and their evolution chain:



The app should have the following functionality:

- The initial view shows a list of Pokémon species names. (Set the starting list any way you see fit, e.g. with a set number)
- Next to each Pokémon species name is a button labeled **Show Evolution Chain**.
    - Clicking this button displays a new view. This view has the same structure as the initial view.
    - This list should show all the Pokémon species in the *same evolution chain* as the original clicked Pokémon.

API information:

- General API documentation
- Call for Pokémon species data: `api/v2/pokemon-species/{id or name}` (documentation)
- Call for Pokémon evolution chain data: `api/v2/evolution-chain/{id}` (documentation)
    - Take note of the nested nature of EvolutionChain and ChainLink data types.

Technical requirements:

- No JS Frameworks allowed (React, Angular). Please use only vanilla JS.
- Code should be written in ES2015.
- Return from the API should be stored in a wrapper class, with each item put into a model class.
- Design skills are not part of the test, but please add basic styles to the app (title, paragraph, hover effects, etc).
    - Feel free to use boilerplate styles or a CSS frameworks (e.g., Bootstrap, Foundation)
- Push the final code to a public repository on GitHub.

Extras:

- The API returns extra info about each Pokémon species (e.g., color, capture rate, names in various languages). Try to display them in the list in a way that makes sense.
- If you like, add more API calls to display more information.
- Bonus points for adding sorting, searching, or filtering functionality to the list.