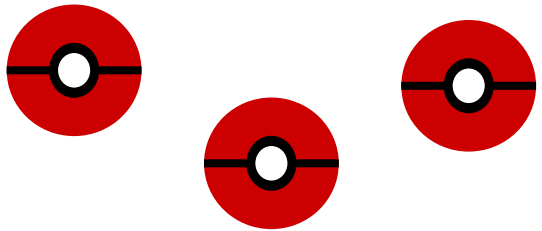
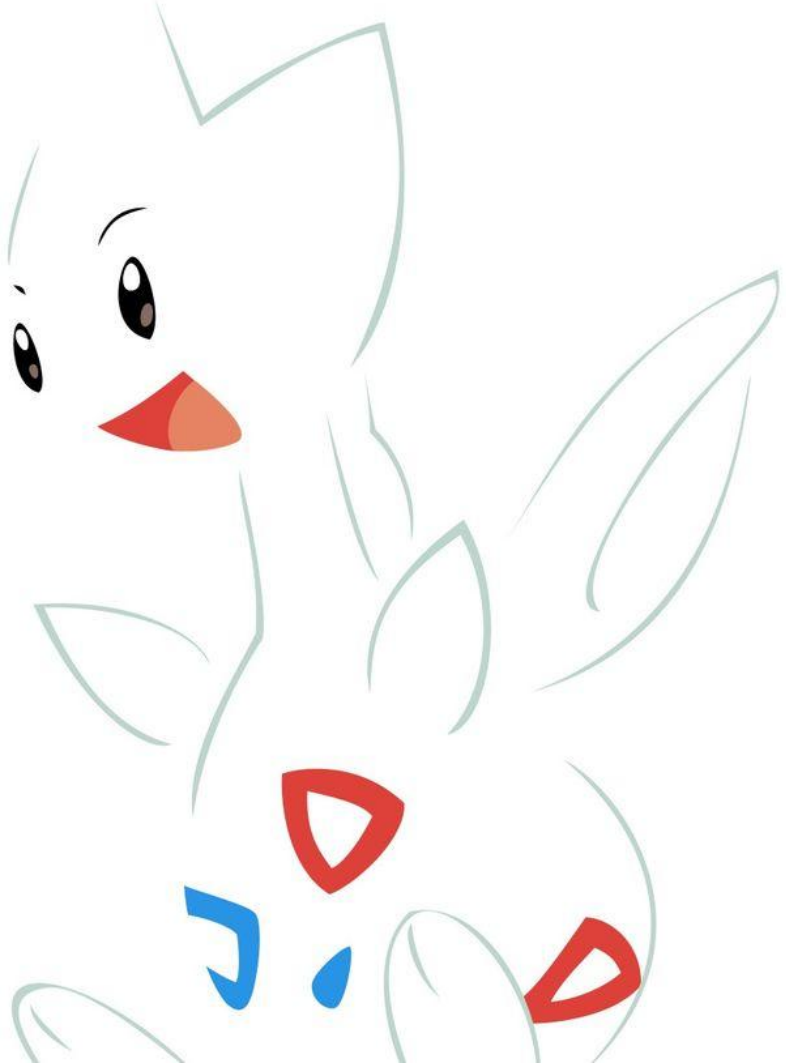
Pokedex

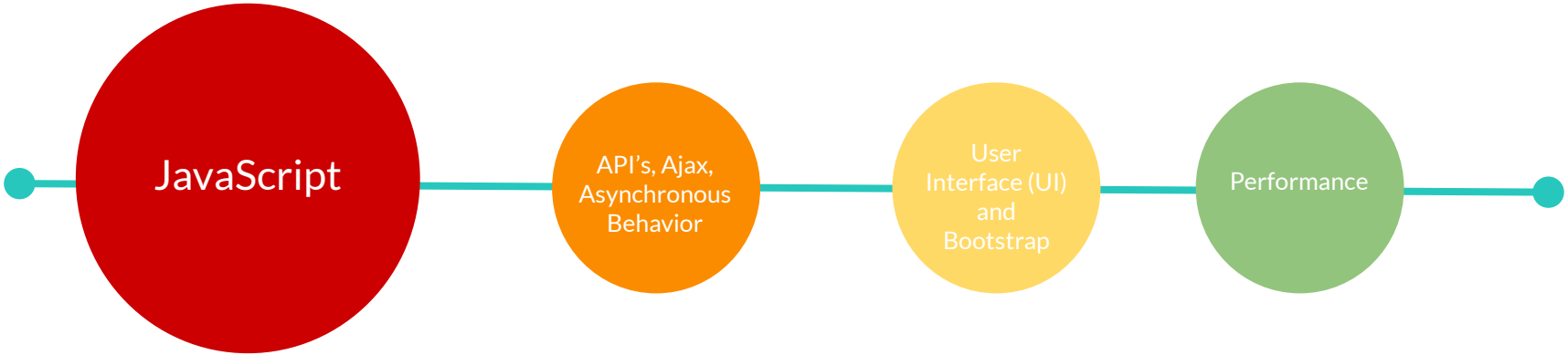


Overview

Pokedex is a small web application that uses HTML, CSS, and JavaScript. It loads data from an external API which enables the user to view details for each individual Pokemon.

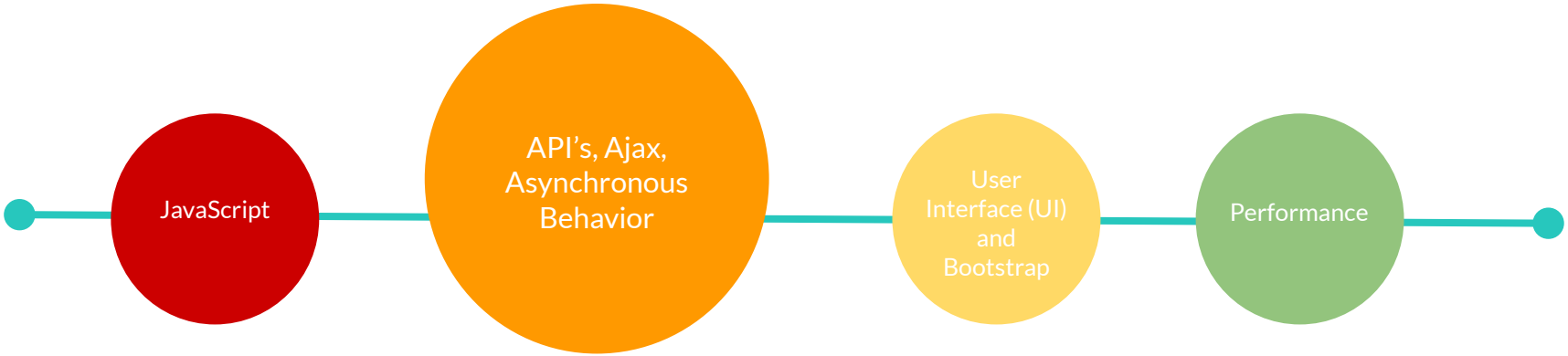


The Process


JavaScript
API's, Ajax, Asynchronous Behavior
User Interface (UI) and Bootstrap
Performance

JavaScript

The JavaScript pattern known as an **Immediately Invoked Function Expression (or IIFE)** was used in this application to allow the function declaration and function execution to be performed at the same time.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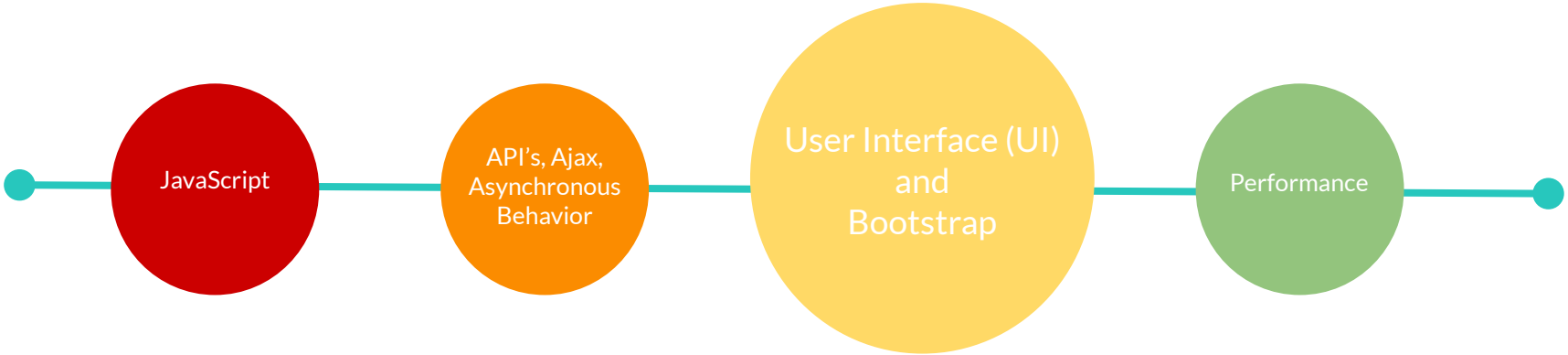
API's, Ajax and Asynchronous Behavior

API used to get data: https://pokeapi.co/api/v2/pokemon/

Ajax: was used to send and fetch data asynchronously from the external API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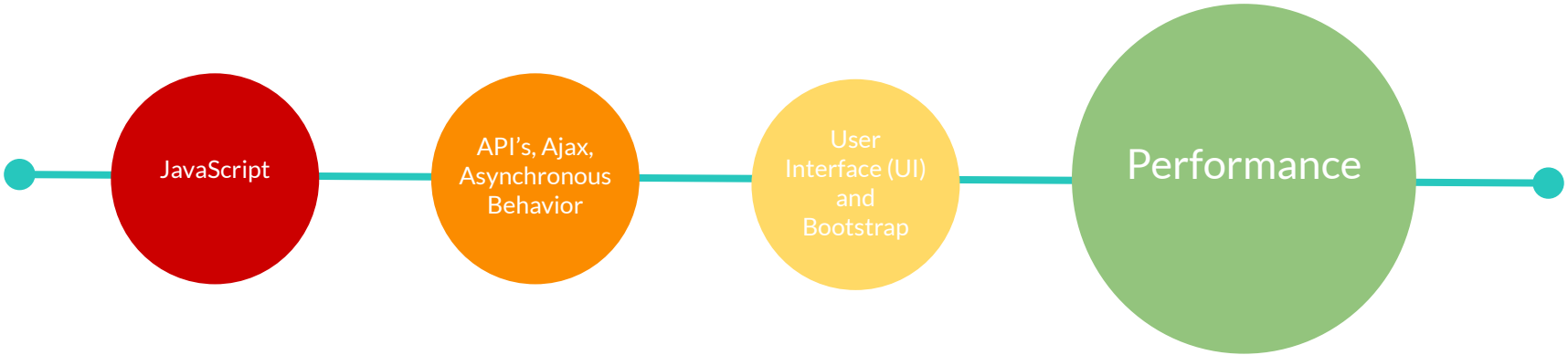
User Interface (UI) and Bootstrap

- The JavaScript framework **Bootstrap** was used to design the buttons, modal, navbar and pokemon list.
- Modals was the UI pattern chosen for this application to show users information about the selected Pokemon.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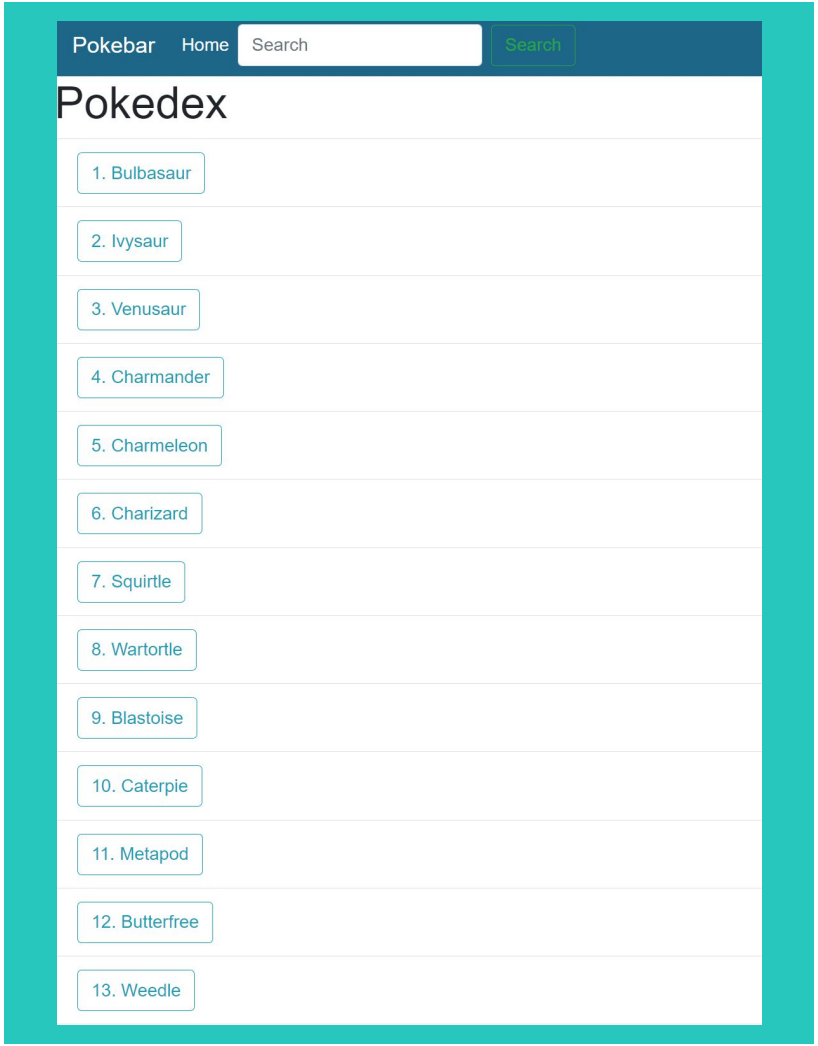
Performance

- All unnecessary pieces of the Javascript file was removed in order to decrease its file size, which is known as ***minifying***. This was done to help increase the speed in which the file is loaded.

- Google Chrome's device toolbar was used to see how the app will appear on different devices



The Final Product

View Project on GitHub: https://github.com/Darnobles/simple-js-app

This project was a lot of fun due to the whimsical nature of it. It also helped me become more familiar with JavaScript and understand why following a paradigm and keeping things simple is essential when coding. There are some things I would like to improve, such as the search bar and possibly the color, but all in all, it came out the way I planned.

Images provided by:
wallpaper.mob.org