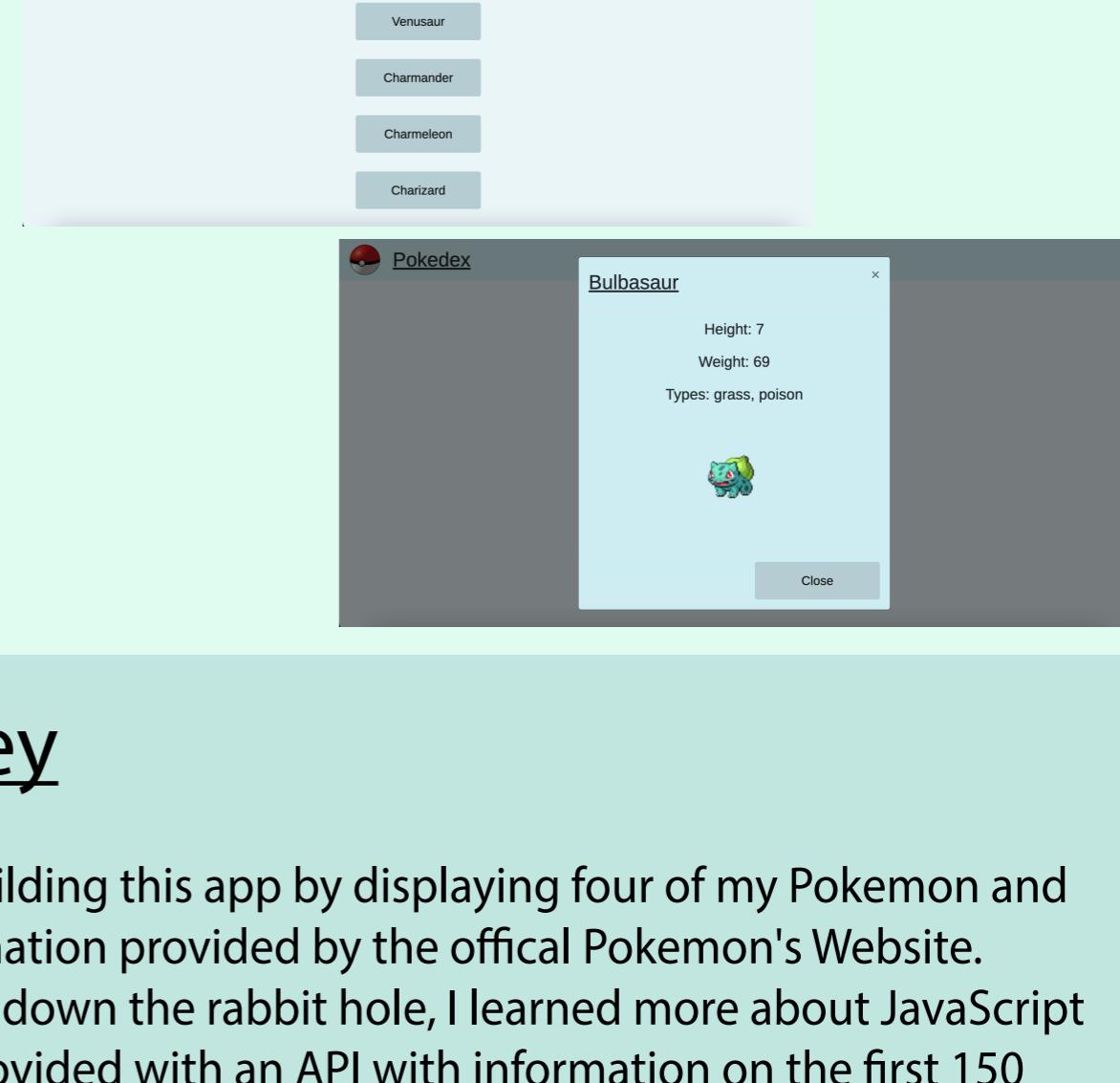


Case Study for Pokedex App

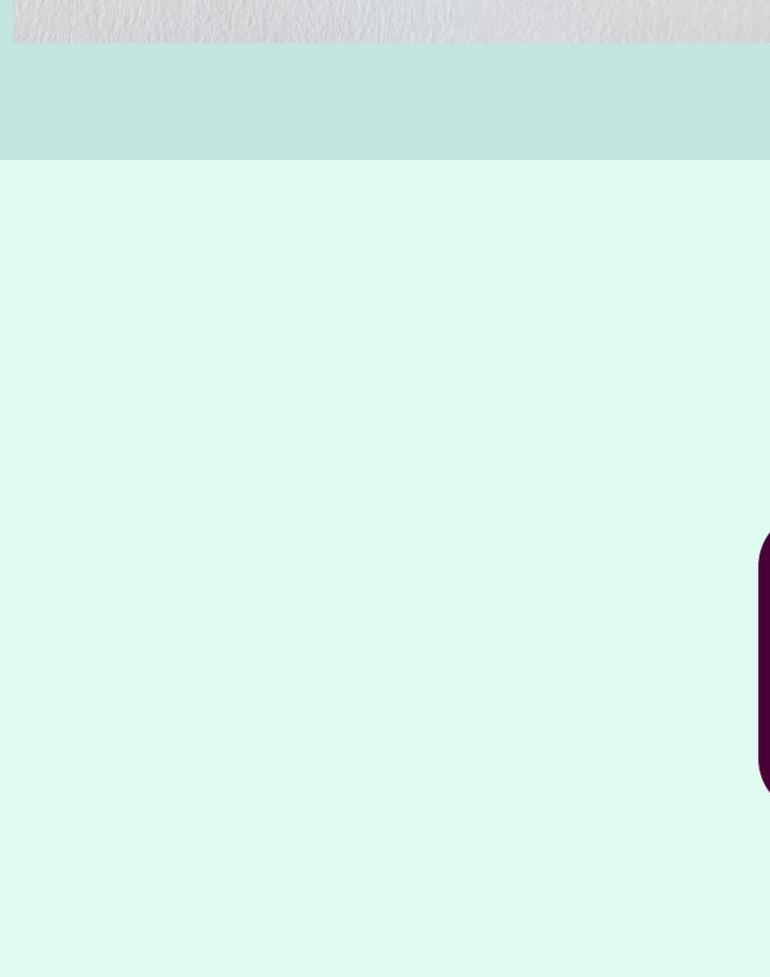
Project Overview

Pokedex is a simple JavaScript web app that allows the users to see detailed information on the first 150 Pokemon in the series of games, trading cards, and tv show. This app mainly uses the JavaScript for functionality, HTML for the foundation, and CSS for the look.

The Pokedex app was a project that I built for my Full Stack Web Development at CareerFoundry to showcase my skills of JavaScript to be included in my portfolio.



The Journey

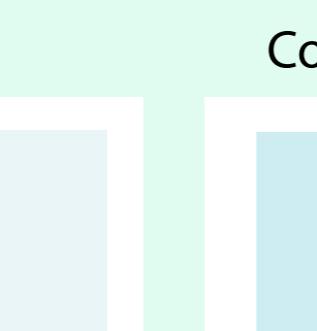


I started building this app by displaying four of my Pokemon and their information provided by the official Pokemon's Website. Continuing down the rabbit hole, I learned more about JavaScript and was provided with an API with information on the first 150 Pokemon to save time and sanity. However, no project is built without challenges.

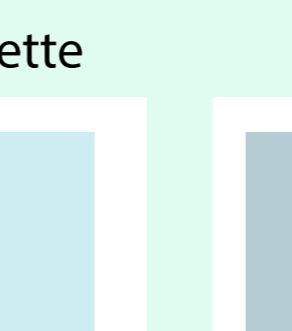
The first major challenge I faced was navigating the API as it provided more information than what I needed. This caused me to struggle on finding what was most important to display in the app. Luckily, I overcame this challenge by pinpointing critical information and seeing if it would display correctly. The second challenge I faced was getting the modals to work properly as the app would show two or more modals instead of one when selecting a Pokemon. Thankfully, this was also solved by trial and error and experimenting with the code to see what worked successfully.

Tools Used

Software Used



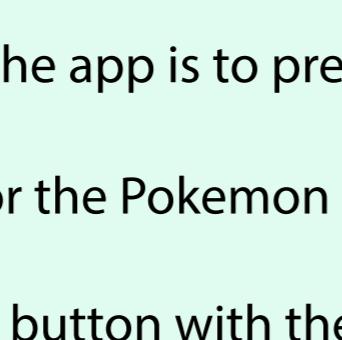
Adobe Dreamweaver



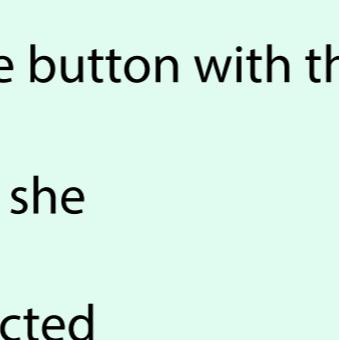
Atom

Programming Languages

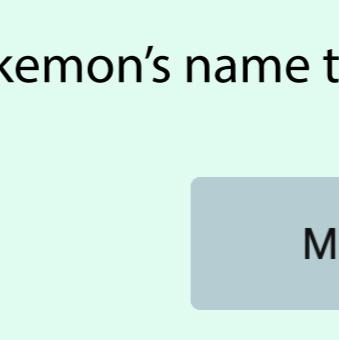
HTML



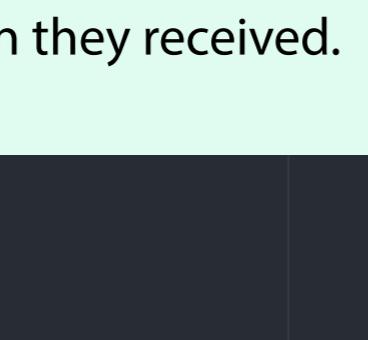
CSS



JS



Color Palette



Background Color
#E9F5F7



Navigation and Modal Color
#CEEDF2



Button Color
#B5CDD2

```
function showDetails(pokemon) {
    loadDetails(pokemon).then(function () {
        showModal(pokemon);
    });
}

function showModal(pokemon) {
    let modalTitle = $('.modal-title');
    let modalBody = $('.modal-body');

    modalTitle.empty();
    modalBody.empty();

    let name = pokemon.name.charAt(0).toUpperCase() + pokemon.name.slice(1);

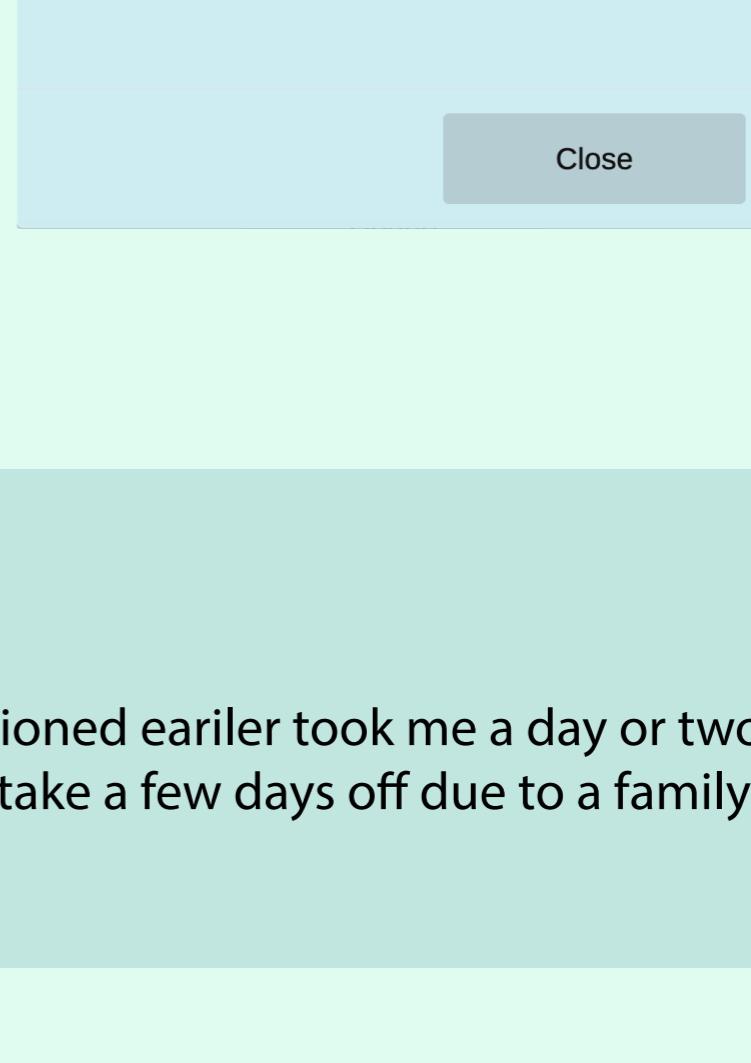
    let pokemonHeight = $(`<p>Height: ${pokemon.height}</p>`);
    pokemonHeight.addClass('pokemon-info');

    let pokemonWeight = $(`<p>Weight: ${pokemon.weight}</p>`);
    pokemonWeight.addClass('pokemon-info');

    let pokemonTypes = $(`<p>Types: ${pokemon.types.map(item => item.type.name).join(',')}</p>`);
    pokemonTypes.addClass('pokemon-info');

    let pokemonImage = $(`<img alt='Image of Selected Pokemon'>`);
    pokemonImage.attr('src', pokemon.imageURL);
    pokemonImage.addClass('pokemon-image');

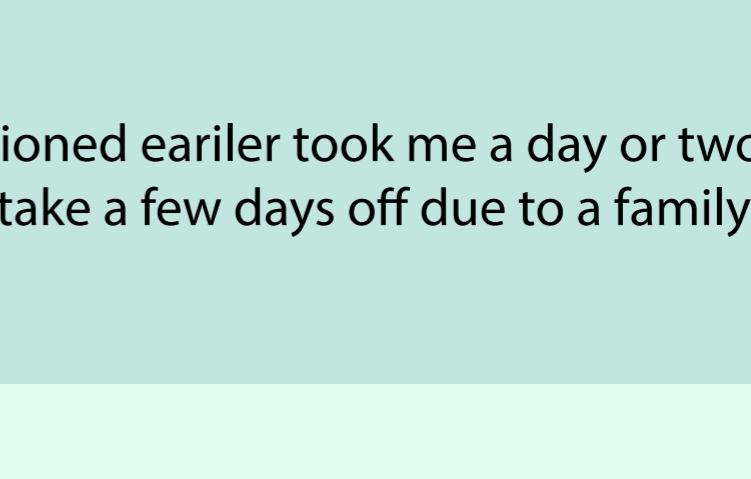
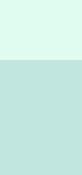
    modalTitle.append(name);
    modalBody.append(pokemonHeight);
    modalBody.append(pokemonWeight);
    modalBody.append(pokemonTypes);
    modalBody.append(pokemonImage);
}
```



The main function of the app is to press the button with the Pokemon's name to display its information

1. The user searches for the Pokemon he or she wants to see
2. The user presses the button with the selected Pokemon's name on it
3. A modal will pop up and display with the Pokemon's name, height, weight, and type(s)
4. Once finished, the user can close the the modal and repeat the steps until he or she is satisfied with the information they received.

Magnemite



Duration

This project took a month to complete. The two main challenges mentioned earlier took me a day or two to solve. It took a day to fine tune the CSS and the look of the app. I also had to take a few days off due to a family emergency.

Project Reflection

Looking back, I am grateful that this project helped me get to know JavaScript before getting to know React. One thing I would do differently is that I would build my own API with the necessary information pertaining to the project. This would allow me to have better control over the project. I would also like to include all 905 Pokemon that are present in all of the games, except Pokemon Scarlet and Violet.

Note: Pokemon Scarlet and Violet have not been released while writing this case study.

Roles

Role: Lead Developer
Tutor: Shrey Kumar
Mentor: Anthony Lee

Websites

View My Portfolio Website: <https://smmartin1.github.io/website-portfolio/>

View The Pokedex App Live: <https://smmartin1.github.io/Pokedex/>