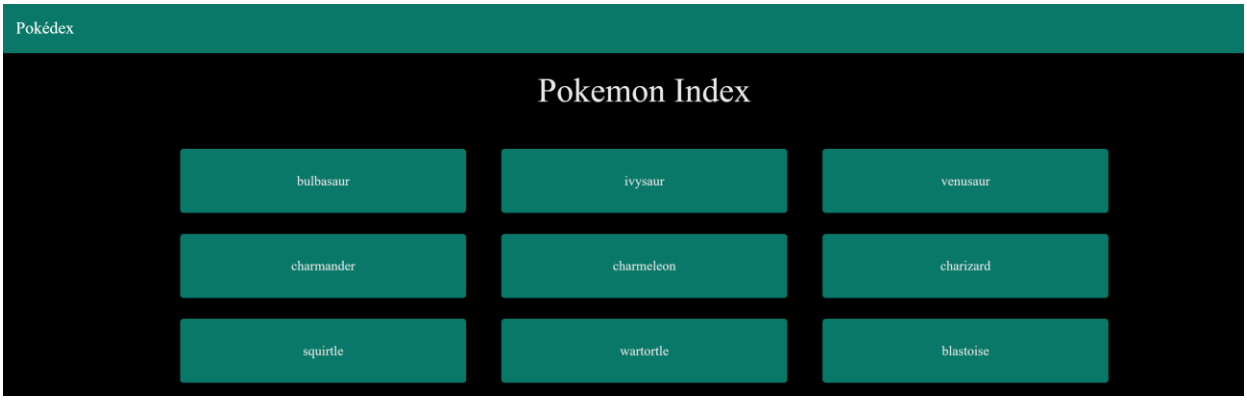
## Project Title

**Pokémon app**

## Description

The Pokémon app is a minimalist Pokémon application developed using JavaScript, designed to provide users with basic information about different Pokémon species. With a focus on simplicity and ease of use, the Pokémon app allows users to click on a Pokémon name to instantly view its picture, type, and height.




## Objective

The primary objective of the Pokémon app is to create a straightforward and intuitive platform for users to access essential information about Pokémon. The app aims to:

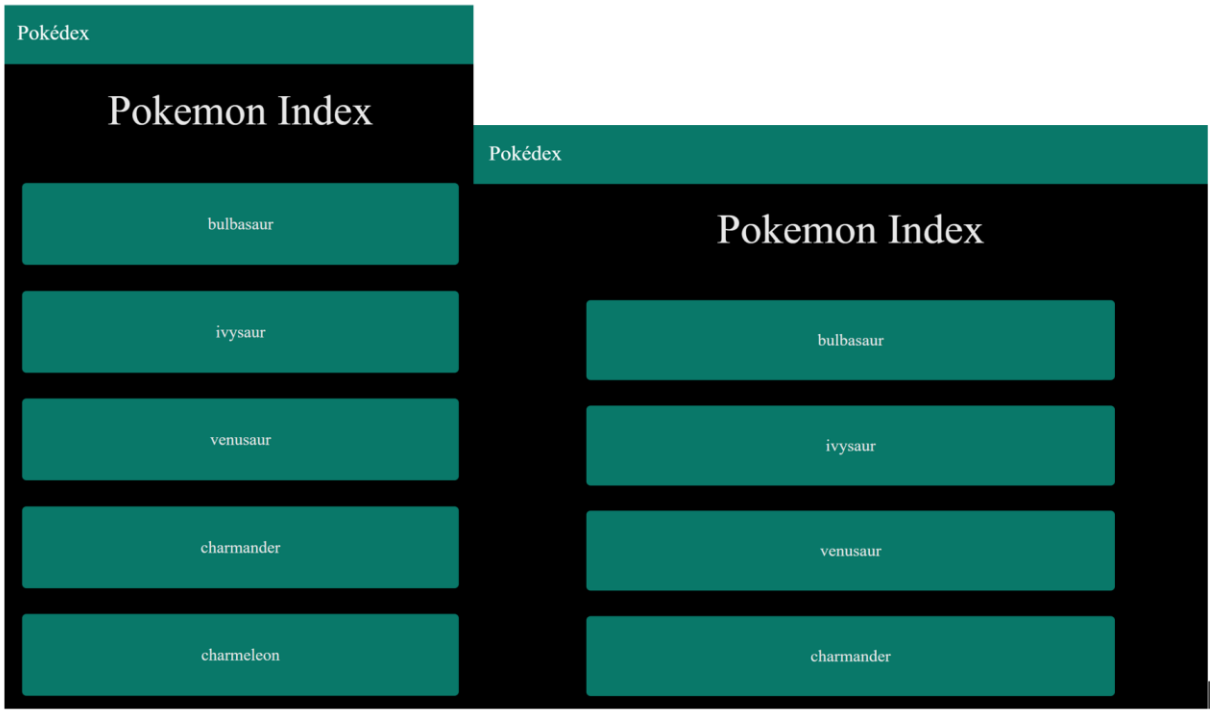
I. Enable users to quickly look up Pokémon details without overwhelming them with unnecessary information.
II. Provide a visually appealing interface that enhances the user experience.
III. Serve as a learning tool for Pokémon enthusiasts who want to familiarize themselves with various Pokémon species and their characteristics.

## Features

Pokémon Information Display: The Pokémon app displays a list of Pokémon names on the screen. When a user clicks on a Pokémon name, the app dynamically fetches and displays the Pokémon's picture, type, and height below the name list.

Simple User Interface: The user interface of Pokémon app is minimalistic and easy to navigate. Users can easily find and click on the Pokémon they are interested in, without any distractions or unnecessary clutter.

Responsive Design: Pokémon app is designed to be responsive, ensuring that it functions seamlessly across various devices and screen sizes. Whether accessed on a desktop computer, tablet, or smartphone, users can enjoy a consistent experience.




**Smart Phone View** **Tablet View**

## Technical Implementation

The Pokémon app is built using HTML, CSS, and JavaScript. The Pokémon data, including pictures, types, and heights, is fetched from an API.

The app utilizes event listeners to detect when a Pokémon name is clicked, triggering a function to retrieve and display the corresponding information.

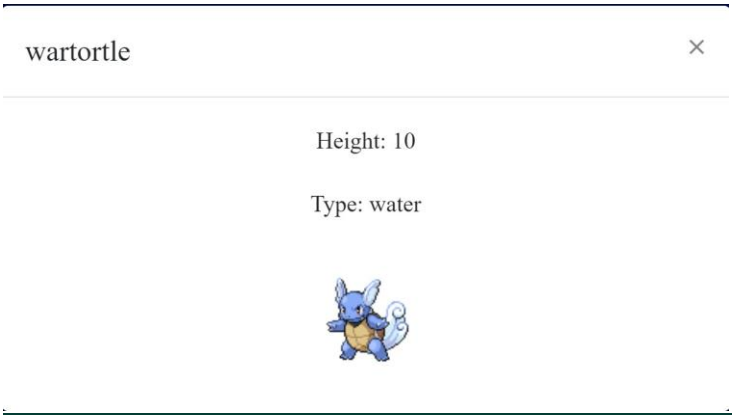
CSS styling is used to enhance the visual presentation of the app, including layout design, font choices, and color schemes. The design prioritizes simplicity and readability, ensuring that users can focus on the Pokémon information without any distractions.

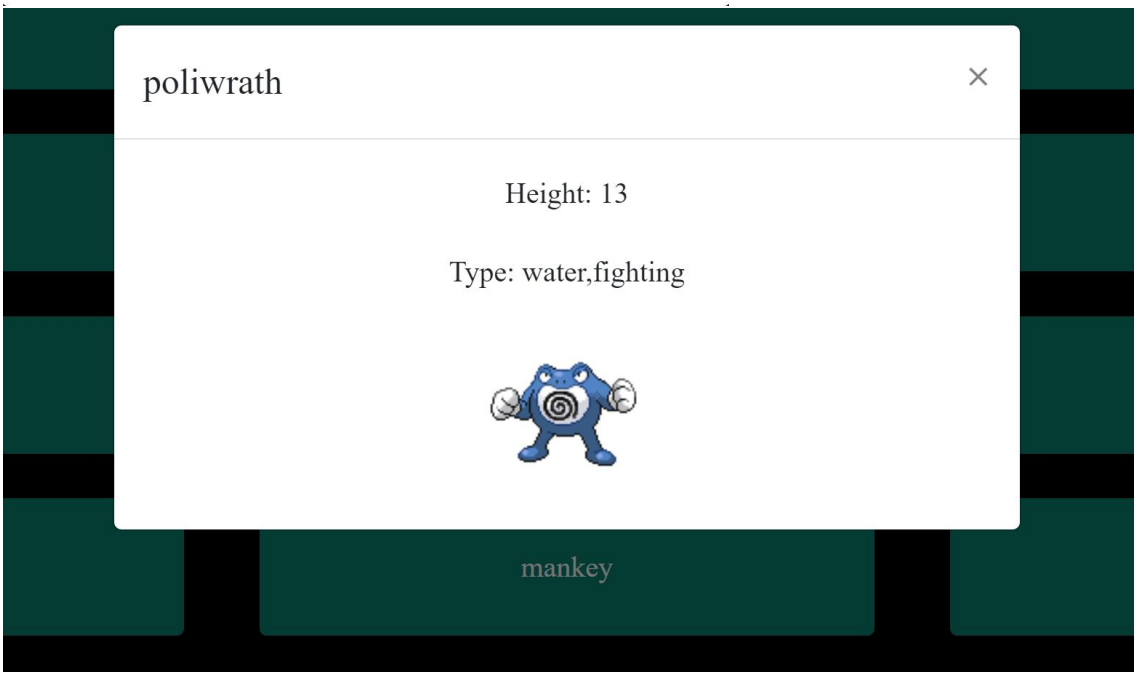
## Development

This project was developed using JavaScript and a Pokémon API. The first phase involved creating a JavaScript code to fetch the Pokémon API and made sure that it worked correctly. The second phase was developed with the users in mind using bootstrap and UI libraries.

## Front-End

The application was built in JavaScript. This application was created to provide basic information for Pokémon enthusiasts. Within the application the user will be able to interact with their favorite Pokémon.



**Example of some of my code:**

```
function loadDetails (item){
    var url = item.detailsURL;
    return fetch(url).then(function(response){
        return response.json();
    }).then(function (details) {
        item.imageUrl = details.sprites.front_default;
        item.height = details.height;
        item.type = details.types;
    }).catch(function (e) {
        console.error(e);
    });
}

function showDetails(item){
    loadDetails(item).then(function()
    {
        // Add Pokemon Details
        $("#pokemon-name").prop("innerText", item.name);
        $("#pokemon-height").prop("innerText", "Height: " + item.height);
        $("#pokemon-type").prop("innerText", "Type: " + item.type.map(function (x) { return x.type.name; }));
        $("#pokemon-img").prop("src", item.imageUrl);
    });
}
```

## Challenges

The challenges I faced were mainly with working with Bootstrap and UI libraries and truly understanding the concept around my initial goal. Also understanding how padding works on a web page and the rows and columns. Lastly, looking at my application from a user's point of view (eye strain, color combinations, user friendly, etc.).

## Conclusion

The Pokémon app demonstrates the effectiveness of a simple and focused approach to presenting Pokémon information. By prioritizing essential details such as pictures, types, and heights, the app offers users a convenient tool for learning about Pokémon without overwhelming them with unnecessary complexities.

### Improvements

Although I am satisfied with the final application, there is potential to expand its features in the future, such as adding additional information about Pokémon abilities, moves, and a search function. However, maintaining the app's simplicity and ease of use should remain a central focus to ensure continued user satisfaction.