

# Pokédex Web App: Case Study

## Overview 🔍

Pokédex is a web application that allows users to browse and explore detailed information about various Pokémon species. Built using JavaScript, it integrates with the PokeAPI to fetch Pokémon data, displaying essential details like name, image, height, and type(s). The app also includes a search bar to make it easier for users to find specific Pokémon.

## Objective 🎯

The goal of this project was to create a simple, interactive application that allows users to access detailed Pokémon information through a seamless and responsive interface.

## Features ✨

- **Pokémon List:** A browsable list of Pokémon displayed with images for easy navigation.
- **Interactive Modal:** Clicking a Pokémon opens a modal with additional details, including its name, image, height, and type(s).
- **Search Functionality:** A search bar that allows users to find Pokémon by name.

## Technologies 🛠️

- **JavaScript ES6:** The core functionality of the application including the use of promises for asynchronous operations and forEach loops..
- **Bootstrap:** Pre-styled components for a polished look and interactive modals.
- **PokeAPI:** Provides the data for the Pokémon species, including their names, images, and types.
- **Prettier & ESLint:** Maintains code quality, ensuring consistency and best practices.

## Conclusion 📝

Pokédex project highlights my skills in JavaScript, API integration, and using a CSS framework for responsive design. The application is fully functional and mobile-responsive, providing a seamless user experience for browsing and searching Pokémon across all devices.

