
Case Study

Pokedex App

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POKEDEX APP



Introduction

OVERVIEW

The POKEMON APP is a web application built using HTML, CSS and JavaScript with an external API. It provides users with access to information about pokemon types by clicking on buttons with their names on it.

GOAL

To have an application that could be added to my portfolio demonstrating knowledge on the three main languages of web development.

ROLE

Web developer

DURATION

3 weeks project

PRIMARY STAKEHOLDER

CareerFoundry Web Development Course

TECHS

HTML
CSS
JavaScript
Bootstrap
Popper
JQuery
Polyfill

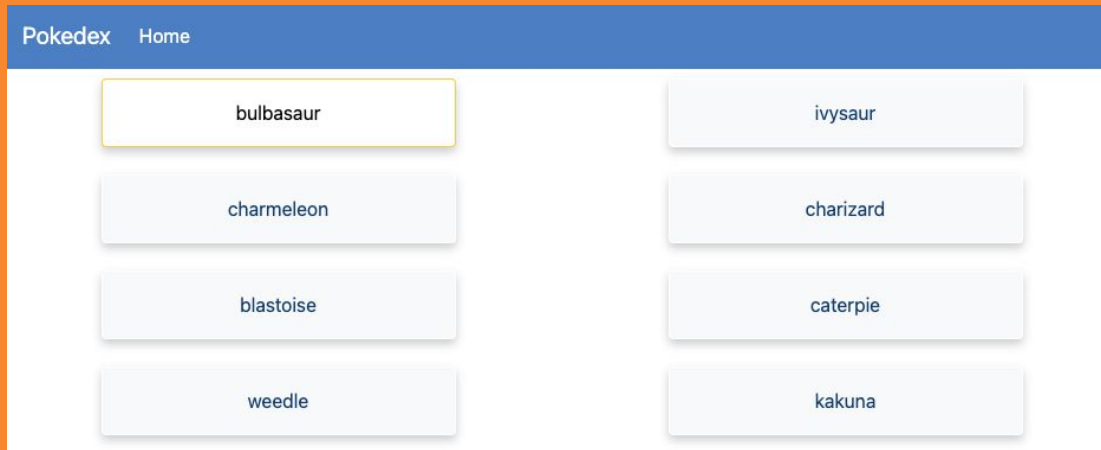
HTML

HyperText Markup Language is the language responsible for the structure and presentation of documents on a web application. In this app, the HTML defines how the app should be read and where it extracts content styling from.

Following that we have the basic structure of the app, with title, navigation bar, modal box. To complete the file, we have the scripts with javascript libraries that are necessary for the project.

Cascading Style Sheets is the language responsible for the style of an HTML document. In this app, it defines how the body of the web should look, how the list of pokemons should be presented and how the buttons should be styled.

CSS



JavaScript

JavaScript is the language responsible for the behaviour of an web application. In this app, it defines where from the information on pokemons should be retrieved. Next, it declares functions to fetch detailed information from the API and determines what should be displayed.

It also declares functions to load the detailed information of pokemons into modal boxes.

nidoking



Height : 14

Types : poison ground

Close

fearow



Height : 12

Types : normal flying

Close

POKEDEX APP

[See app live](#)

[GitHub repository](#)



Conclusions

The POKEMON APP was built using HTML, CSS and JavaScript and JavaScript libraries, it is live and users can fetch detailed information about pokemons of their choosing.

CHALLENGES

The main challenge I faced while building this app was to familiarize myself with the languages and deep-dive into the concepts of JavaScript. Understanding how to correctly identify variables in the external database and how to fetch them was another important obstacle surmounted with the help from fellow developers..

FUTURE STEPS

Add functionality to add new pokemons to Pokemon List.

RETROSPECTIVE

As the result of my first project with the three main languages of web development, I am quite proud of what was accomplished. Moving forward, it is important for me to build up on emphasizing user's viewpoint when building main features of projects.
