

# Pokédex

A FULL STACK CASE STUDY



Jamie Tracy



# Overview

This small web application loads data from an external API and allows users to browse through approximately 150 different Pokémon by name using a filtered search.

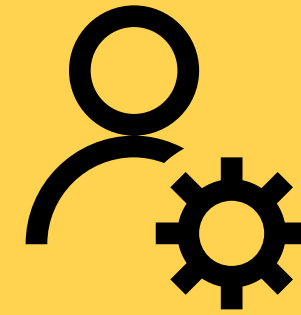
[Check it out](#)

# Objective

This project was part of the the full-stack immersion course from the web development program at CareerFoundry to demonstrate mastery of full-stack JavaScript development. The goal of this project was to build a small web application with HTML, CSS, and JavaScript that loads data from an external API and enables the viewing of data points in detail.



# Details



## Roles

**Role:** Lead Developer

**Tutor:** Ebere Iweala

**Mentor:** Mahesh Rodrigo



## Duration

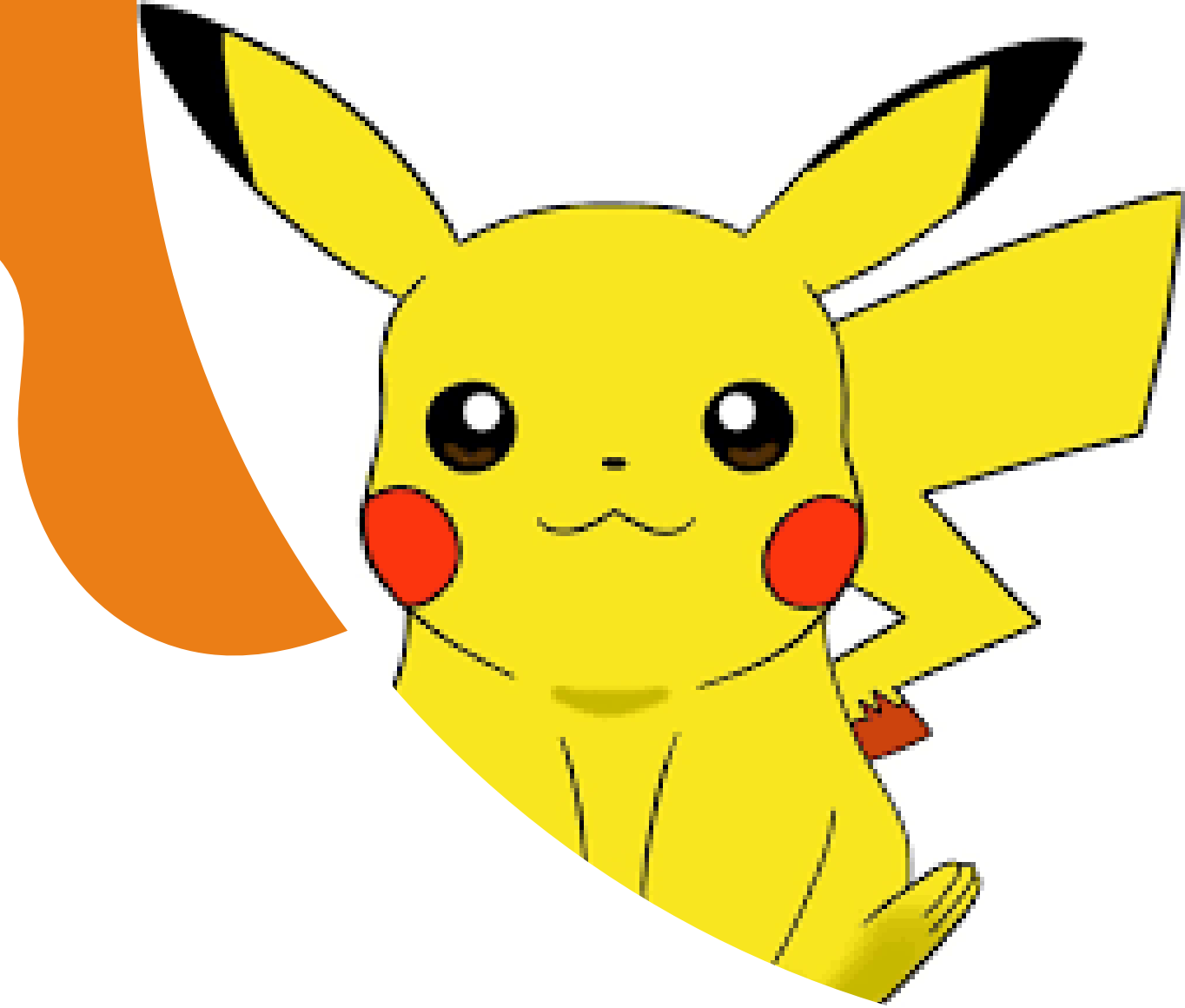
This project took approximately 4 weeks to complete from start to finish.



## Methodologies

- HTML
- CSS
- JavaScript
- jQuery
- Bootstrap

# The Process



## Getting set up

I set up a general dataset for the application and then created `forEach` loops to work within an IIFE I wrapped the repository in.

## Beginning styles

I added basic styling and rendered static data from the repository.

## Using fetch

I added polyfills and used `Ajax` to fetch data asynchronously from an external API.



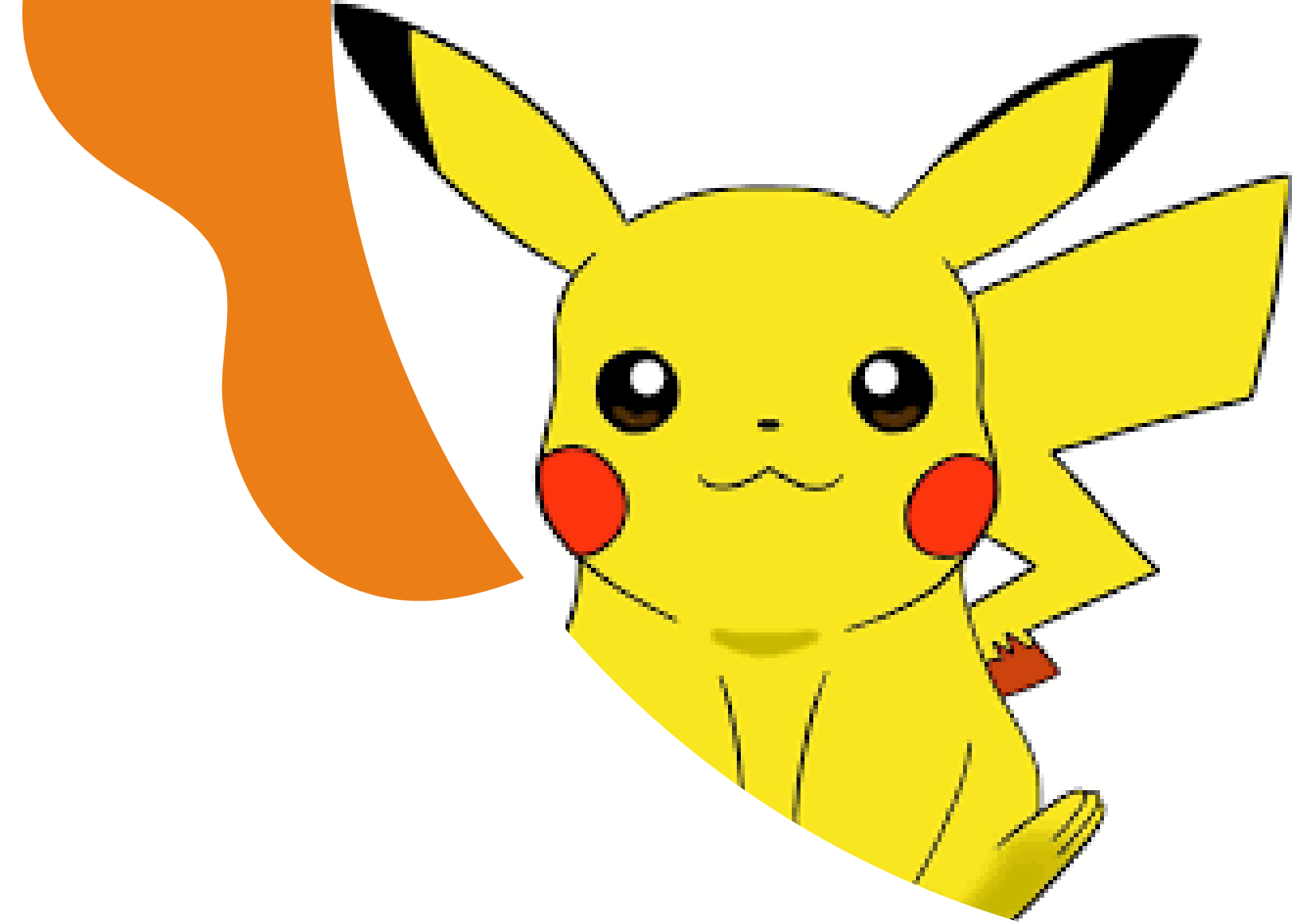
# The Process

## Design

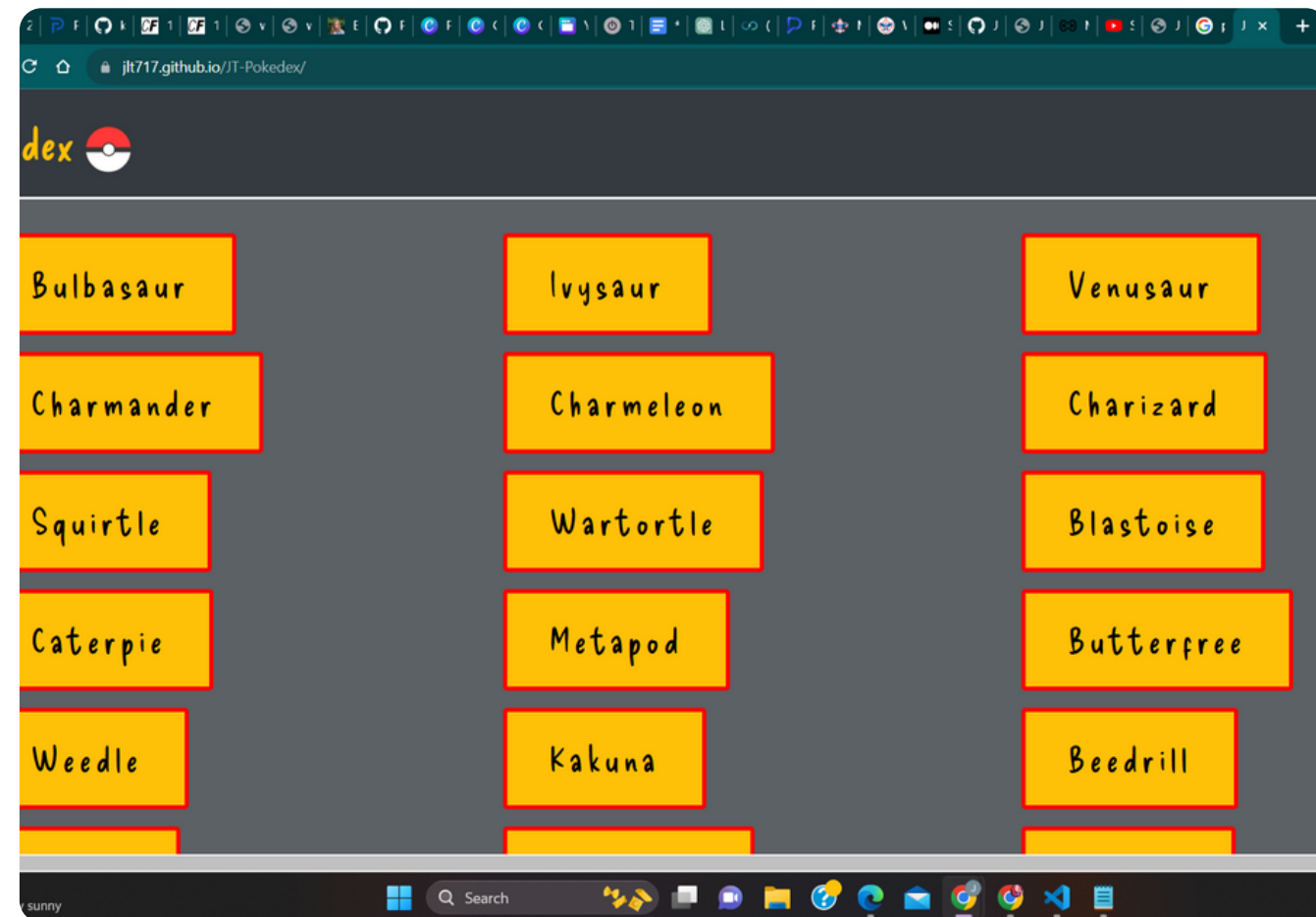
I used Bootstrap to create a clean and consistent design and modals to allow for touch interaction.

## Final touches

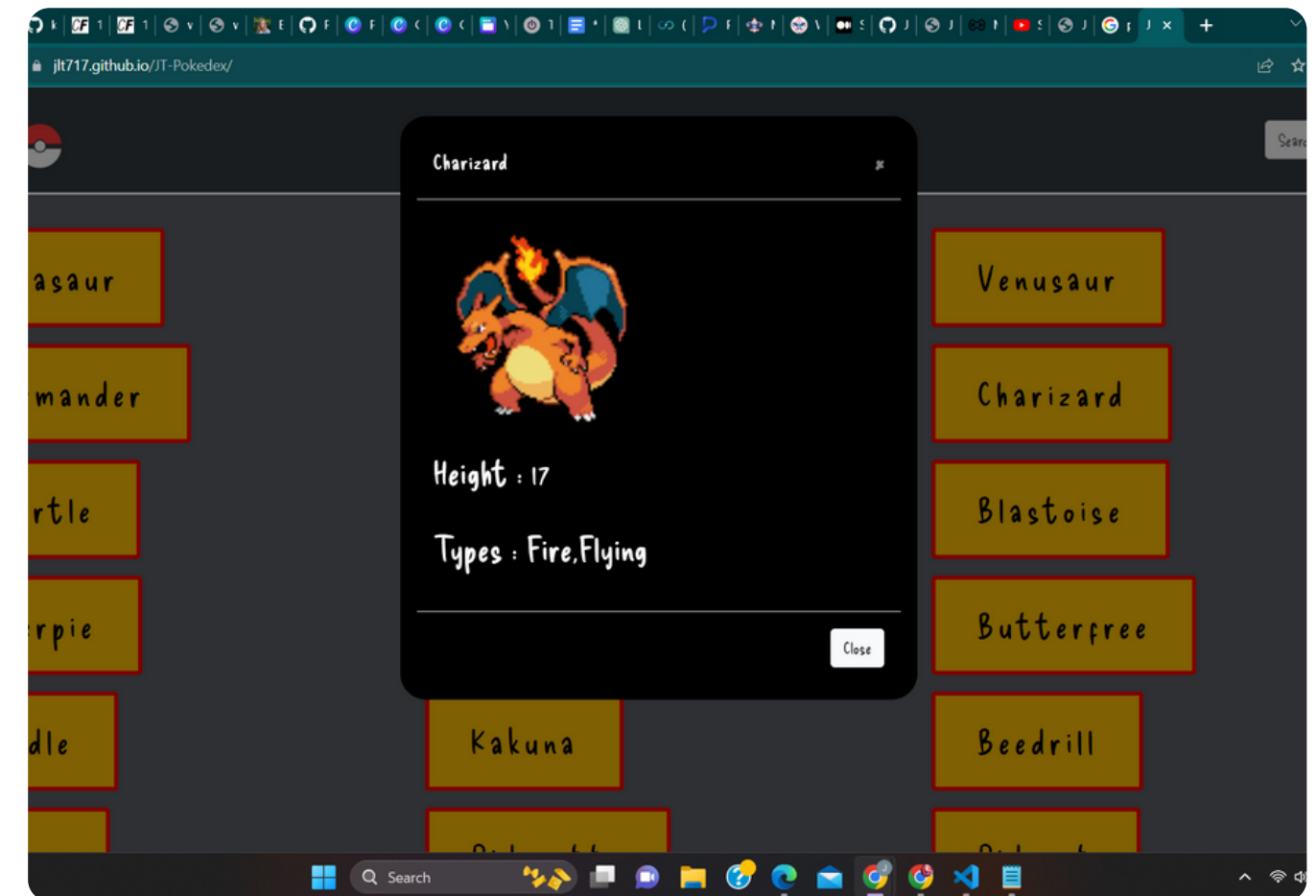
I implemented ESLint, minified my CSS and JavaScript files, cleaned up my code, and deployed my app.



# Screenshots

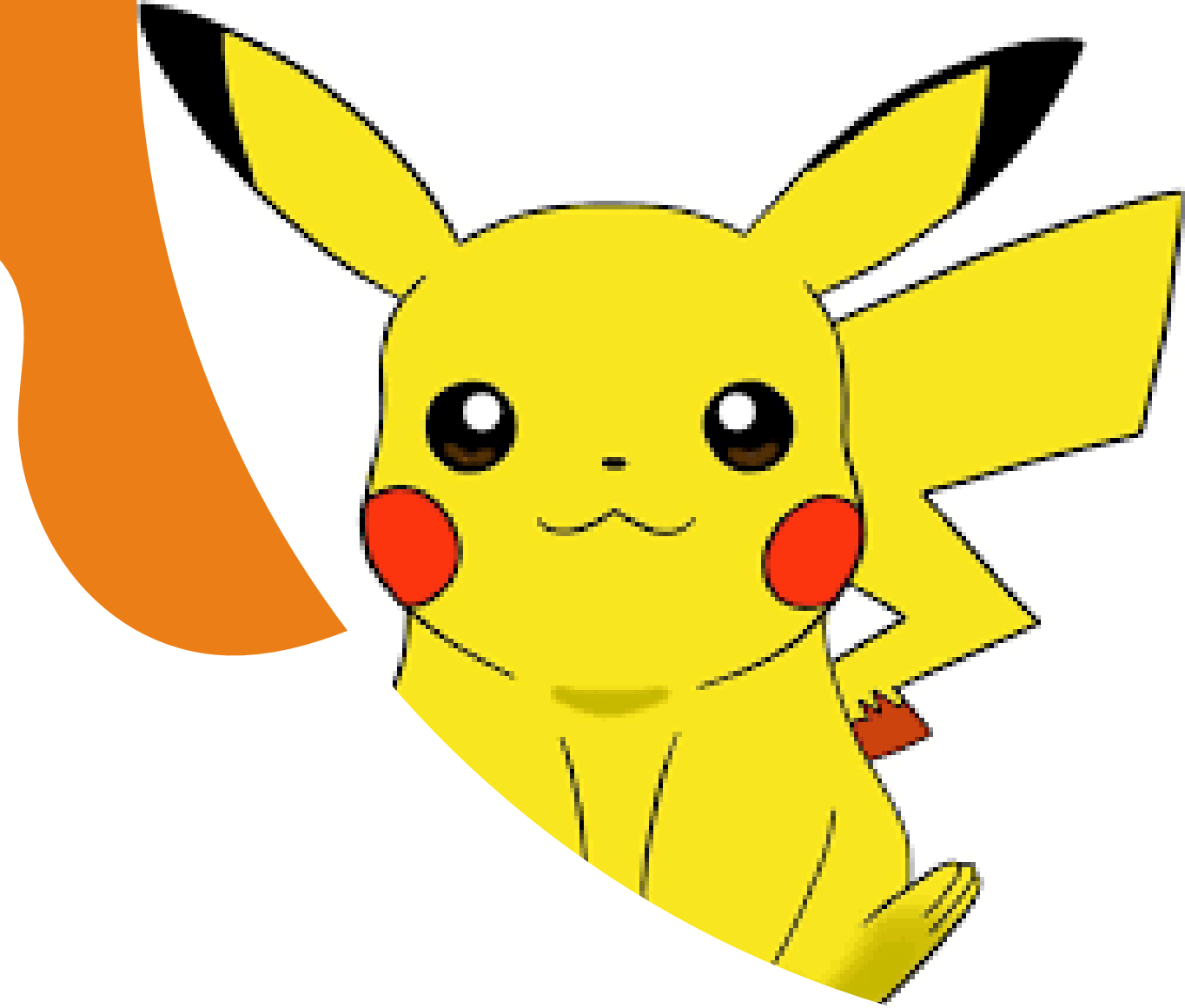


Main Screen



Details Modal

# Retrospective



## What Went Well

This project was my first time interacting with an external API and I found it really interesting how I was able to easily retrieve Pokémon pictures for my application.

## Challenges

This was my first project involving JavaScript, and I was really having trouble grasping the concept of `forEach` loops, variables, and functions.

## Final Thoughts

Since this was my first major JavaScript project, it was tough to get through, but looking back now I can see just how much I've learned and how much more experience I've gained working with JavaScript.