Mini Assignment 7 - Pokemon API

Node, Express and RESTful APIs

Goal
In the video game Pokemon, your character travels around the world collecting and leveling up Pokemon. In this assignment, you will be doing the same thing, but with APIs!

In order to accomplish this, you will need to build out 5 RESTful API's. These APIs will let you add new pokemon to your collection, update them, remove them from your collection and view individual details. The goal of this mini assignment is to get comfortable writing APIs and query them using whatever tool you prefer (RESTED, curl, Postman, etc.)

This assignment should not take you more than 2-3 hours (if it takes more than this, please contact the teaching staff for help.)

Rubric:
5 RESTful API's - 25 points
Clean and readable code - 5 points

Task 1: React Components and Style
Clone this repo, install the code and start the server:
https://github.com/ahjorgen167/cs5610_ma7

```
git clone https://github.com/ahjorgen167/cs5610_ma7
cd cs5610_ma7
npm install
node server.js
```

You should see: "Starting server".

Your focus will be on the file "pokemon.js" in the /src file.

First, update the string on line 6 to be your full name.

Now, on line 12 there is a list of myPokemon - this will act as our temporary database! (We'll learn about MongoDB later.) So whenever you add, update, delete or retrieve data it will be from this list. Remember that every time you restart your node server, this list will be reset. Also, unless you are using nodemon, you will need to restart your server after every code change. One rule is that a Pokemon's name will only appear one time in your list (case sensitive: so "pikachu" and "Pikachu" is fine, but "Pikachu" itself should only appear once.)

Below this list is 5 API's - using the request (req) and response (res) objects correctly follow the directions of each of the comments so that your API behaves as described. Use a tool like curl, RESTED, Postman or other to test your code.

Task 3: Clean and readable code

The focus of this assignment is to get practice backend code and reinforce previous learning. You should make sure that your code is clean, concise and readable and follows patterns established in this or other courses.

Deliverables

Submit your copy of pokemon.js (only that file) on the submission page on Canvas. Remember to not cheat, as anti-cheat software is used to compare submissions.