# Coding Challenge

Backend development
Extending The Star Wars API

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# Coding Challenge
*Backend - Extending SWAPI The Star Wars API*

## Instructions

SWAPI provides information about the Star Wars universe. Extend this API to manage the inventory of starships and vehicles.

- consume the information from SWAPI: https://swapi.dev/documentation for starships and vehicles
- extend the data model and implement functionality to keep track of the amount of units for starships and vehicles. This can be achieved by adding the count property.
  - allow to get the total number of units for a specific starship or vehicle

    Example: get how many Death Stars are in the inventory of starships
  - allow to set the total number of units for a specific starship or vehicle

    Example: set the number Death Stars in the inventory of starships
  - allow to increment the the total number of units for a specific starship or vehicle

    Example: increment by x units the number Death Stars in the inventory for starships
  - allow to decrement the the total number of units for a specific starship or vehicle

    Example: decrement by x units the number Death Stars in the inventory for starships

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# Coding Challenge
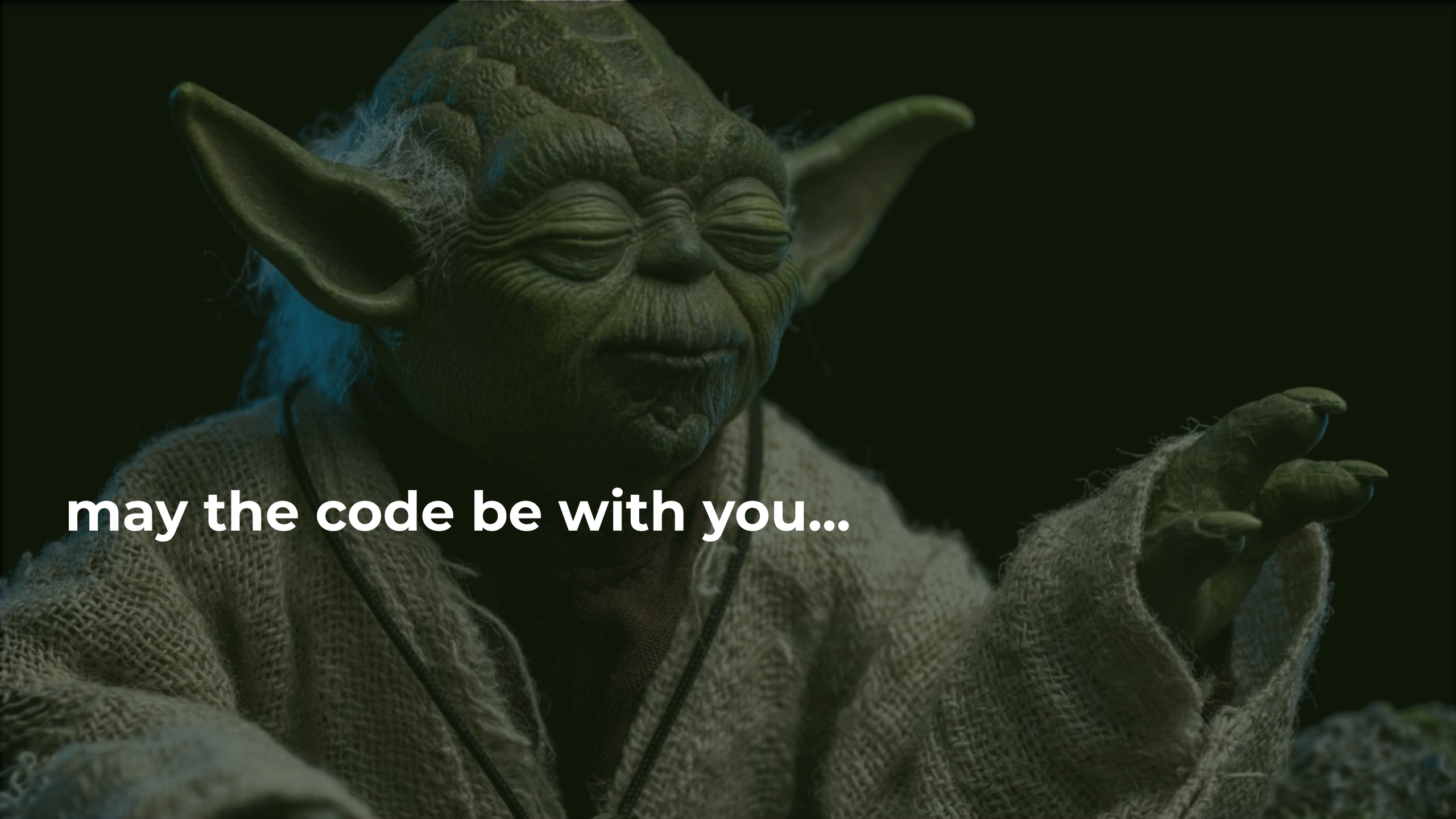*Backend - Extending SWAPI The Star Wars API*

## Technical requirements:

- Implement the solution using js, ts, python or php
- Create an extended data model using either mysql or a nosql solution like mongodb, dynamodb or similar
- You can proxy requests to SWAPI and extend the results with the additional data or create your own full implementation importing the data of starships and vehicles. If you opt for the second option, make sure you match the data model and behavior of the original API
- implementing unit testing is a plus
- using a serverless solution like AWS Lambda or similar is a plus

## Submission Instructions

- Submit your solution to diego@teachaway.com
- Provide information about your approach
- Deliver your implementation via GitHub or GitLab
- Provide a Readme file with setup instructions

Note: The team is available to assist you or answering any questions during this process

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may the code be with you...