Vi Backend Engineer Coding Assignment

Background

At Vi, we really like Marvel… REALLY REALLY LIKE Marvel. Did you know that there are few actors who played 2 different leading roles in Marvel movies?

We're not sure who those actors are, and you're going to help us find out!

The assignment

We will need a web server that will answer the following questions:

1. Which Marvel movies did each actor play in?

    Api definition: [GET] /moviesPerActor

    Response: { actorName: [movies names] }

2. Actors who played more than one Marvel character?

    Api definition: [GET] /actorsWithMultipleCharacters

    Response: { actorName: [{movieName, characterName}] }

3. Movie roles (characters) that were played by more than one actor

    Api definition: [GET] /charactersWithMultipleActors

    Response: { movieName: { characterName: [actors names] }}

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Prerequisites

- The server will be implemented in JS using promises or async/await .
- Use the following API:

  https://developers.themoviedb.org/3/getting-started/introduction
    - api_key: **ac505a02032a33d65dd28b41f72182e1**
- You should expose REST endpoints that will provide answers to the questions above.
- Update the README file with instructions on how to query these endpoints.
- Your implementation should be committed to your own public git repository (fork the assignment repository sent to you)
- The assignment boilerplate code contains a list of Marvel movies & actors we're interested in.

How will this be evaluated

We're looking for these main features:

- A working implementation that fulfills the assignment given.
- Scalable & performant code with extensibility in mind.
- Clean, legible and verbose code.
- Efficient use of JS and its components.
- Tests are very much encouraged.
- Meaningful commit messages

Good Luck!