Server

The main goal of this assessment is to build a server application using javascript.

Software Requirements

- NodeJs

Requirements:

The BE can be implemented using any programming language, but JS is preferred.

The BE shall provide different endpoints for consuming a REST resource.

The BE shall contain the following:

1. Possibility to retrieve a collection of resource elements.
2. Possibility to retrieve a resource element by different fields
3. Possibility to retrieve a resource element using filters query parameters
4. Possibility to add a resource element
5. Possibility to update a resource element
6. Possibility to patch a resource element
7. Possibility to delete a resource element
8. The resource elements shall be stored in a DB of your choice
9. A data model class for your resource SHALL AND MUST be implemented (eg for a resource posts we define a CLASS POST that contains the information (title, excerpt, body, tags, categories, author, etc…))
10. Strict Validation rules shall be applied to the input data \ req data

11. At least two middleware shall be present
    a. One middleware shall format the data to a specific format
    b. One shall check for a specific endpoint / collection of endpoint if an customer header is set and has a specific value
12. Root endpoint shall list all possible endpoints (bonus is docs is presented via root eg: swagger)
13. Responses sent to the client must be compliant with HTTP status codes