

Simple NodeJs Test

Introduction

Thank you for your interest in Strategic Financial Solutions! 😊

This test will help us gauge your expertise with Node.js and Javascript.



Feel free to use any data storage or libraries you are comfortable with as long as the required script or schema is described in the documentation. For example, in-memory store, Mongo (mongoose), SQL Server (tedious) etc.

Requirements:

Please design and implement a web API using node.js to have following features:

1. Get all creditor data with total balance and average min pay percentage
2. Get creditor data by creditor name
3. Add a new creditor entry
4. Update an existing creditor entry (partial or full update)
5. Implement credit analysis endpoint to return data that meet following criteria:
 - a. Creditor balance should be over 2000
 - b. Creditor min pay percentage shouldn't exceed 29.99%



Bonus Credit: Make it as a lambda function in AWS

Initial test data can be found here:

<https://raw.githubusercontent.com/StrategicFS/Recruitment/master/data.json>

Creditor data model:

```
"id": number,
"creditorName": string,
"firstName": string,
"lastName": string,
"minPaymentPercentage": number,
"balance": number
```

Upon Completion

i. Please provide documentation on the structure of the application and provide details about how to run and test the application step by step.

Once you finish your coding challenge, please

1. Create a repository on **github** and make sure it is **public** so that we can review your code.
2. Create a 10 minutes screenshare video showing us your code on the left and it running locally on the right, while talking through the below questions.
For example:
 - i. How did you design the app.
 - ii. How did you store and retrieve data?
 - iii. What did you find challenging? Please explain.

3. Finally, after finishing steps, please shoot an email to gbrookins@stratfs.com with git hub repo link.

Should you have any questions, please email us at DevOps@stratfs.com

Happy coding!!