## Fetch Rewards Coding Exercise - Backend Software Engineering

Language: JavaScript

Framework: Express

## **Running on NodeJS**

#### Note:

- No payer's points can be negative.
- Oldest points to be spent first, create array that sort all the transaction according to the timestamp (Date)
- System will not accept negative points unless a payer is already existed and holding larger total points.
- Define POST request for /add and /spend route since it influences the data.
- Define GET request for /balance route.

# **Assumption:**

 Calls to transaction route will follow order of timestamp, from oldest date – most recent date.

### **Challenge Testing Result:**