Problem Scenario

JAVASCRIPT BOOTCAMP PROBLEM SCENARIO
JESSE WHEELER

A client has approached us as a group of developers requesting we build a console application for them in Node.js. Their company sells a variety of products and they are having difficulty keeping track of their inventory and sales. They would like us to build an application that can perform the following:

- Have an intuitive menu to navigate the application
- Display current stock and inventory levels
- Add new items to their inventory
- Modify existing items in their inventory
- Remove existing items in their inventory
- Maintain a historical view of all sales made
- Find all sales on a given day
- Sum all sales on a given day
- Perform a new sale and update inventory levels accordingly
- Display overall total number of sales
- Display overall total revenue of sales

As a bonus they were wondering if it were possible to:

- Maintain these records in a persistent flat-file database (Preferably JSON)
- Generate PDF reports of an invoice, inventory levels, and sales

While they were quite adamant on their requests, they realise that their request is rather short notice and may change requirements as needed.