Sylvera

🌳 Sylvera Backend Tech Test🌳

The Aim

ACME Woodworking is a company that enables their customers to order custom-made wooden furniture. They plan to give customers access to API endpoints to create, view, and modify orders.

Using Typescript/Node.js, we'd like you to create three endpoints over the supplied SQLite database file which enables a customer to see their order details, as well as the ability for them to add and modify an order line.

Time

Please spend no more than two hours on this task. We don't expect you to complete everything within the time limit, so show us what you can do and tell us what you would have done with more time.

Specification

We're looking for the creation of three endpoints. The structure of the endpoints is up to you. Please use the existing items and order ID (fbe2b58f-75f0-44ae-a3b0-fe681da5f14d).

View Order

The first API should allow the customer to view an order. This should return:

- Order ID
- Status
- Email address
- Order Items
    - Order Line ID
    - Qty
    - Notes

Add Order Item Line

The second API should enable the customer to add an order line item to a given order ID. An item can only be included once on an order. The customer should send:

- Item ID
- Qty
- Notes

Modify An Order Item Line

The final API should let the customer modify an existing line for an order. This change could include the Qty and the Notes fields.

What Does A Successful Test Look Like?

We're looking for your use of Typescript/Node.js, unit tests, decision making around validation and caching. We want to see you communicate some of your decisions as well as outstanding tasks so another developer could pick up where you left off.