



Backend Coding Task

Introduction

We don't want too much of your personal time so don't spend more than 8 hours. If you require more time or cannot start right away, please tell us and provide us with an alternative timeframe in which you feel confident to complete the task.

Likewise, feel free to ask questions if anything is unclear. We'll do our best to get back to you as soon as possible.

Task

Build an online shop API with the following features:

- Product API:
 - API to list all the products with
 - search: by title and description
 - sort: by price
- Checkout API:
 - API to create an order

Product should contain **product title, description, picture, price** and **quantity**

These are the minimum requirements. Please also include tests.

Please provide documentation in the readme for any assumptions you make.

For the sake of simplicity, there is no need for any "admin" functionality. It is sufficient if the shop items are entered into the database directly and the orders can be seen in the database.

Please implement your solution in Node.js with Typescript.

We also like GraphQL and relational databases, but there is no requirement of using them for the sake of this task.

You are free to use any other libraries you deem necessary to complete the task, but please avoid library bloat.

Final Remarks

Please hand in your solution on GitHub or any other common VCS hosting service that is easily accessible to us. Make sure that your solution is runnable out of the box and provide the necessary instructions on how to run it, as well as other important things for us to know.

Happy coding!