Home Assignment

Application Specification

Product

Create a [RESTful](#) application using Java and [Spring Boot](#).

It should have an API supporting the basic CRUD operations for products:

- Create a new product
- Retrieve a list of all products
- Update a product
- Delete a product ([soft deletion](#))

Each product should have a SKU (unique id), a name, a price and date it was created.

Order (optional)

Let's introduce the concept of order, meaning that your API should also support:

- Placing an order
- Retrieving all orders within a given time period

Each order should have a list of product, unique id, the buyer's e-mail, and the time the order was placed. It should be possible to calculate the total order amount, based on the price of the individual products.

Requirements

- Implement your solution according to the specification above (order part is optional) in ~2hrs max.
- Your code should be "production ready"
- Demonstrate Clean Code behavior towards code using TDD, BDD, SOLID, etc.
- Provide a [README](#) on how to build, test and run the application locally
- Document the endpoints of your API either in [Swagger](#) or in [README](#) file
- Provide a storage solution for persisting the API's data

Submission

Push your code to a public Git repository (e.g.: [GitHub](#), [GitLab](#)) and send us the link so we can review it before your technical interview.