

B2B Order Service

Using any framework you are comfortable with in Java create a REST web service for simple shopping basket for transactions between companies.

The user should be able to create a basket. The basket should be persisted in a database of your choice. When the basket is created user receives id of the new basket.

The user should be able to add a product to a basket. To add product user sends product id and quantity. Assume that product id is provided by some other system (accept any id). The user should be able to change the quantity of product in the basket by sending a request to the same endpoint just with different quantity. When product quantity is set to 0, the product should be removed from the basket.

The user should be able to list the content of the basket by sending basket id.

The user should be able to delete basket by sending the basket id.

To complete the order user should send basket id and his company VAT number to the service. The order should be only accepted when VAT number is valid. To check if VAT number is valid please use <https://vatlayer.com> – it is an API where you should be able to validate up to 100 VAT numbers for free (you will need to create account)

This code should be written as a production ready code. Provide all the source code, build script and instructions how to run your code. Please also include all configuration needed to set up the DB for the service.

This task should not take you more than 8 hours to complete.