

QA Test V2.1

Thank you for your interest in Kantox, we are delighted you are considering joining our team.

In annex A, there is the test we propose to developers. As the QA member of the team you have to design the right and precise test cases to give the team the confidence of a good test coverage. There are no limits nor restrictions, just express yourself.

If you have any doubt or need any help, please do not hesitate to contact us.

Thank you for your time and good luck!

Annex A: Cashier System

Simple cashier function that adds products to a cart and displays the total price.

The following products are registered:

Product Code	Name	Price
GR1	Green Tea	£3.11
SR1	Strawberries	£5.00
CF1	Coffee	£11.23

Special Rules

- Buy one get one free
- Buy > N products, pay X price per product
- Buy > N products, pay X% of the original price

Products and Discount Rules

The project doesn't connect to a database, it reads both the products and rules from a YAML file.

The default location of the file is `priv/assets/products.yml` and `priv/assets/rules.yml`, this can be changed in the Configuration.

Currently there are only 3 types of configurable discount rules:

- FreeRule (buy N get N free)
- ReducedPriceRule (buy more than N pay a different price)
- FractionPriceRule (buy more than N, pay a percentage of the original price)

Deadline:

- Assignment should be ready within 5 natural days of inbox reception
- Assignment is completed when we receive the document with the test done