Coding challenge

Price calculation

Create a customer basket that allows a customer to add products and provides a total cost of the basket including applicable discounts.

Available products

Product	Cost
Butter	£0.80
Milk	£1.15
Bread	£1.00

Offers

- Buy 2 Butter and get a Bread at 50% off
- Buy 3 Milk and get the 4th milk for free

Scénarios

- **Given** the basket has 1 bread, 1 butter and 1 milk **when** I total the basket **then** the total should be £2.95

- **Given** the basket has 2 butter and 2 bread **when** I total the basket **then** the total should be £3.10

- **Given** the basket has 4 milk **when** I total the basket **then** the total should be £3.45

- **Given** the basket has 2 butter, 1 bread and 8 milk **when** I total the basket **then** the total should be £9.00

Design

Requirements :

1 - Build reusable components

2 - Build the app based on a functional component.

3 - Frameworks to use: (react and redux)

4- Try to optimize rendering time as much as possible.

NB:

- Once you are done, publish your code to a github repository, then share the link with us

- You will be judged on code quality and architecture, as well as functionality.

- There's no specific deadline for the challenge submission, but the earlier the better.