

## Lab 10

### **Part 1**

Write a ProductCommandService where you can add, delete and update products. Products have a productNumber, name and price.

Write a StockCommandService where you can add, delete and update the number of products we have in stock. A Stock class has the attributes productNumber, quantity.

Write a ProductQueryService where you can retrieve products. Products have a productNumber, name, price and numberInStock.

Give all services their own Mongo collection.

Make sure that if products or quantity in stock is changed, this will show up in the products we get back from the ProductQueryService service.

### **Part 2**

Change the ProductCommandService so that it uses event sourcing. Everything should work the same as your solution of part1.

### **What to hand in?**

1. A zip file containing all services for part 1
2. A zip file containing all services for part 2