Lab 5

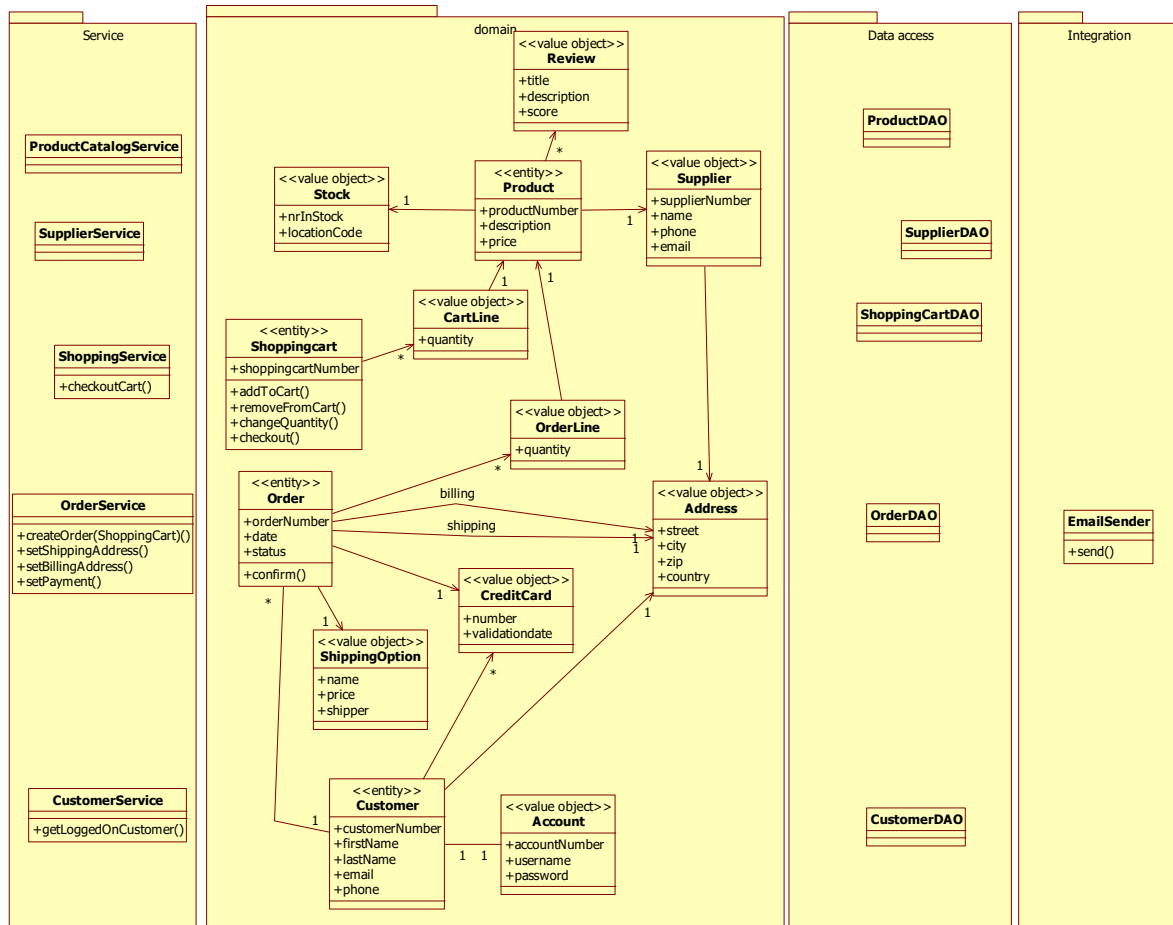## Part 2

Redesign the webshop we designed in lab 3 using components. **Show all components including their all their classes.**

Part 2

Implement the methods addProduct and getProduct from the **product component** using a REST interface. Store the products in the mongo database.

Implement the methods addToShoppingCart and getShoppingCart from the **shopping component** using a REST interface. Store the shoppingcart in the mongo database.

Write a rest client that does the following:

1. Add new product to the product component
2. Get the product from the product component using the productNumber and print to the console

3. Add this product to the shopping cart using the productNumber and quantity. Make sure the shoppingcart get all product details from the product component.
4. Get the shopping cart and print to the console.
5. Change the price of this product in the product component. Make sure the price in the shopping component also changes accordingly
6. Get the shopping cart and print to the console.

What to hand in?

1. A PDF of part 1
2. A zip file of part 2