Lab 5

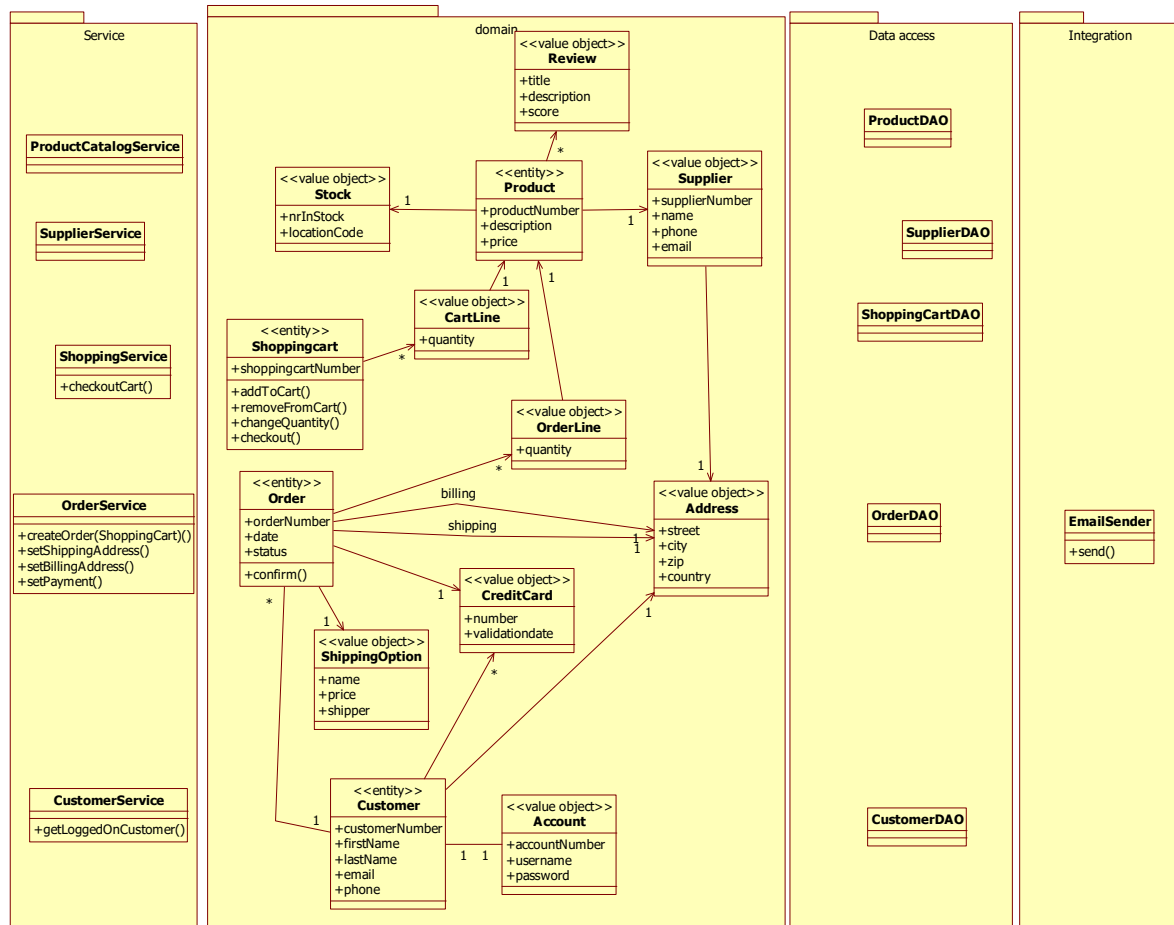## Part 1

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 and print to the console
3. Add this product to the shopping cart
4. 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
3. Write a readme.txt file with the following statement and sign with your name:

I hereby declare that this submission is my own original work and to the best of my knowledge it contains no materials previously published or written by another person. I am aware that submitting solutions that are not my own work will result in an NC of the course.

I am aware that I am not allowed to share solutions with other students.

I am aware that if I submit only parts of this lab that points will be subtracted.

I am aware that if my lab submission does not contain this readme.txt file that I do not get points for this lab.

[your name as signature]