To do

In this document I want to explain the thing that I wanted to finish but didn’t have the time to do so.

1. Category

The Category class is not implemented properly because I started with the wrong idea and kept going forward with it. The problem that I am facing is that I am storing the parent category as an id and not a Category object or a List<Category>. Because of that I would have had to do a lot of unnecessary SQL querries and other functions that would break the SRP in order to use it the way it is.

1. Update Product

I know the UpdateProduct method could have been done better and also could have been implemented a bit better. The main drawback that I had related to this was the categories and the way that I store them. Right now that is the reason category and subcategory cannot be changed when editing a product. Also I wanted to make use of an SQL transaction when updating a product. My idea of it was that if the admin wanted to change more that the name and the price of the product it would have just created a new one and make the old one inactive. The transaction would have been useful so that I don’t add a product before making the old one inactive and vice versa.

1. Update User

The code for updating a user is there but I didn’t have the time to implement it in the front end, this was due to having more important parts to do.

1. Manager classes

The manager classes were changed in the day of the submission and they could have used some improvement. The main thing that I would have changed would be the exception handling so I could improve the user experience.

1. Unit testing

My unit tests are not complete because I changed some things in my Manager classes and I had to redo quite a couple of them. The one that I think is the most complete would be the UserManagerTest and OrderManagerTest.

1. Address and Pickup

I think Address and Pickup are some of my weaker points in this project. I would have liked to research and add some more constraints especially to the DALs and I think inheritance in the database would have been a better approach at this requirement.

1. Implement stocks for products

My products do not hold a stock at the moment but it would have been nice to add if the time would have allowed it.