

## Workshop 1:

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### REPORT:

#### USER STORIES:

1. As an employee, I want to see a document, so what i know the info of the orders.
2. As a client, I want to eliminate products from shopping cart, so what I can put a product on the shopping cart without problem.
3. As a client, I want to see the products on tendency, so what I can check them.
4. As a client, I want to have a wish list, so I can put products there.
5. As a client, I want to have a filter by prices, so I can buy things i have money for.
6. As a client, I want to build my own pc, so I can buy it without problem of it is bad.
7. As a client, I want to compare products, so I can have a better opinion about what to buy.
8. As an employee, I want to have a document, so what I can see client`s suggestions.
9. As an employee, I want to refresh the products, so I can put more products or just don't sell anymore one of them.
10. As a boss, I want to see the income money, so I can calculate stuff about the business.
11. As an employee, I want to put products on sale, so I can put the products that are no selling so much.
12. As a client, I want to have my account, so I can buy things easier, without writing my personal information too many times.
13. As a client, I want to have an history of products, so I can see what I bought or what I delete from the Shopping Cart.
14. As an employee, I want to notify my clients, so I can tell them when a product on sale.
15. As a client, I want to pay on fees, so I can buy something and pay later

#### OOP analysis:

I have to put every attribute on "ShoppingCart" class private for doing Encapsulation, I think I'm not going to use polymorphism, not now. And finally I'll use Inherence on the abstract class called "AbstractShoppingCart".

From the part of abstraction, I noticed that when someone will buy something, it's exactly the same process while adding products to the shopping cart, and then doing the checking, so that's why I'll use the class "ShoppingCart".

## CRC Cards:

CRC Card 1

AbstractShoppingCart

Card Name	AbstractShoppingCart		
Superclasses			
Subclasses	ShoppingCart		
Responsibilities	Add items Delete items show items Do the checkout	Collaborators	

CRC Card 2

ShoppingCart

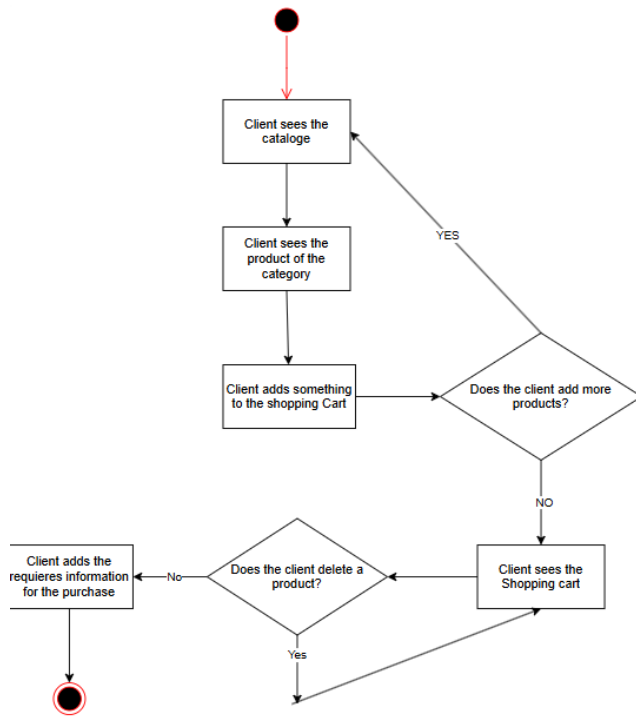
Card Name	ShoppingCart		
Superclasses	AbstractShoppingCart		
Subclasses			
Responsibilities	Add items Delete items Show items do the checkout Calculate the total of money	Collaborators	main

CRC Card 3

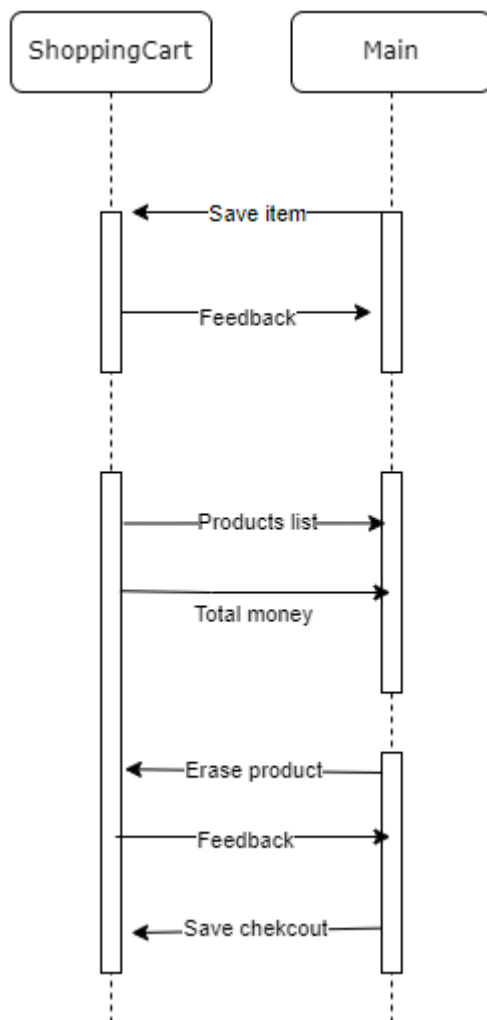
Main

Card Name	Main		
Superclasses			
Subclasses			
Responsibilities	Just the menu	Collaborators	Shopping Cart

## Activity Diagram



Sequence Diagram:



Class Diagram:

