Group 19
Design Specification

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CRC Cards

Account	
Log in actor	Seller Customer

Seller	
Seller can update the inventory by adding products, invoice price, sell price and update the available quantity	

Customer	
Customers can browse, manage ShoppingCart, and Checkout.	

Inventory	
Holds available products and their UPC codes	Product

Product	
Holds name, UPC, price, stock	ProductInfo

ProductInfo	
Full product description, pricing and availability (quantity available) in a pop-up window	MainWindow

MainWindow	
Displays all information and calculates transaction. Also displays list of products.	Product Inventory Scanner Customer

ShoppingCart	
Holds items that are being purchased	MainWindow Product

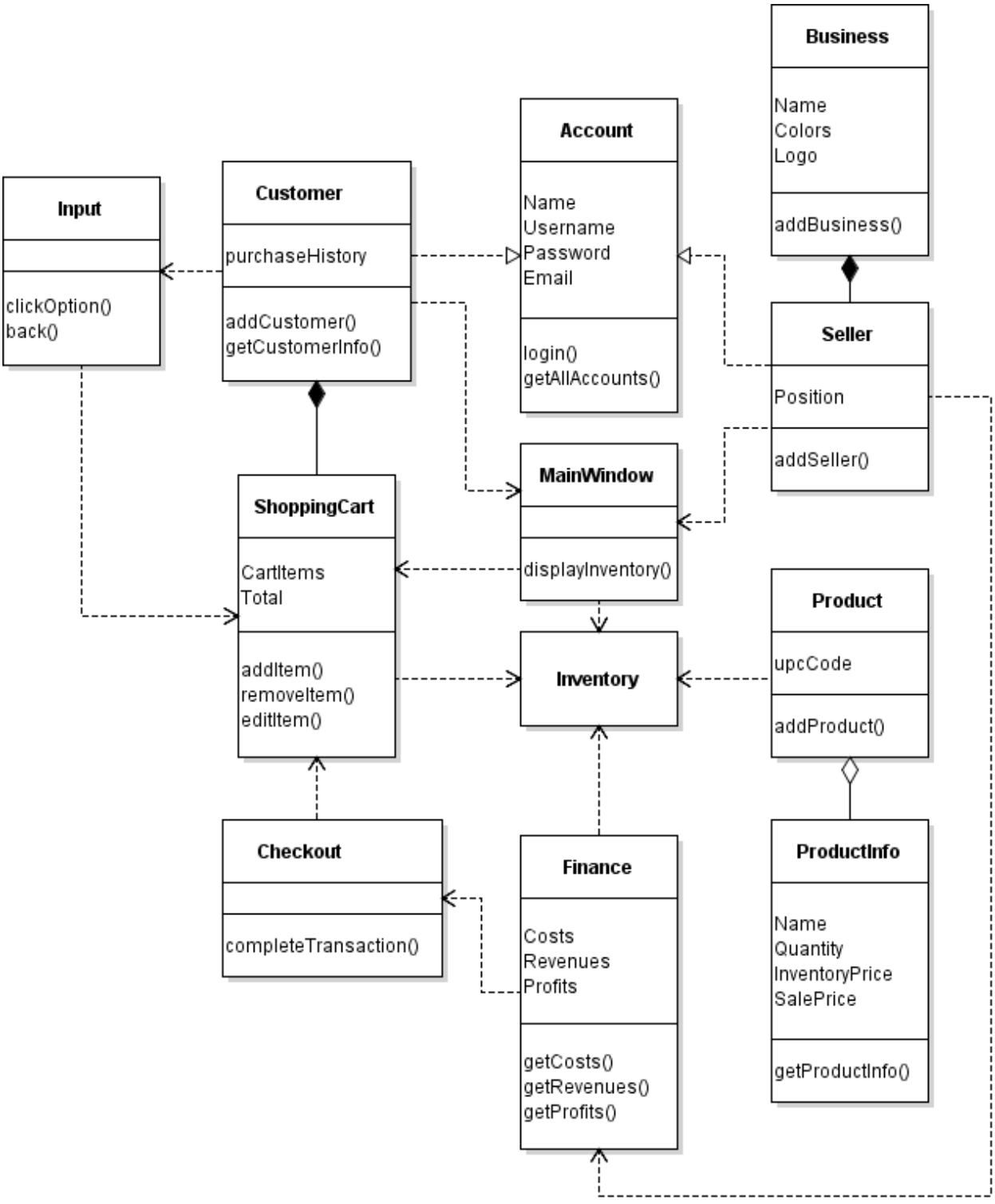
Input	
Manages input of customer	MainWindow ShoppingCart

Checkout	
Checkout window with each product with its count.	ShoppingCart

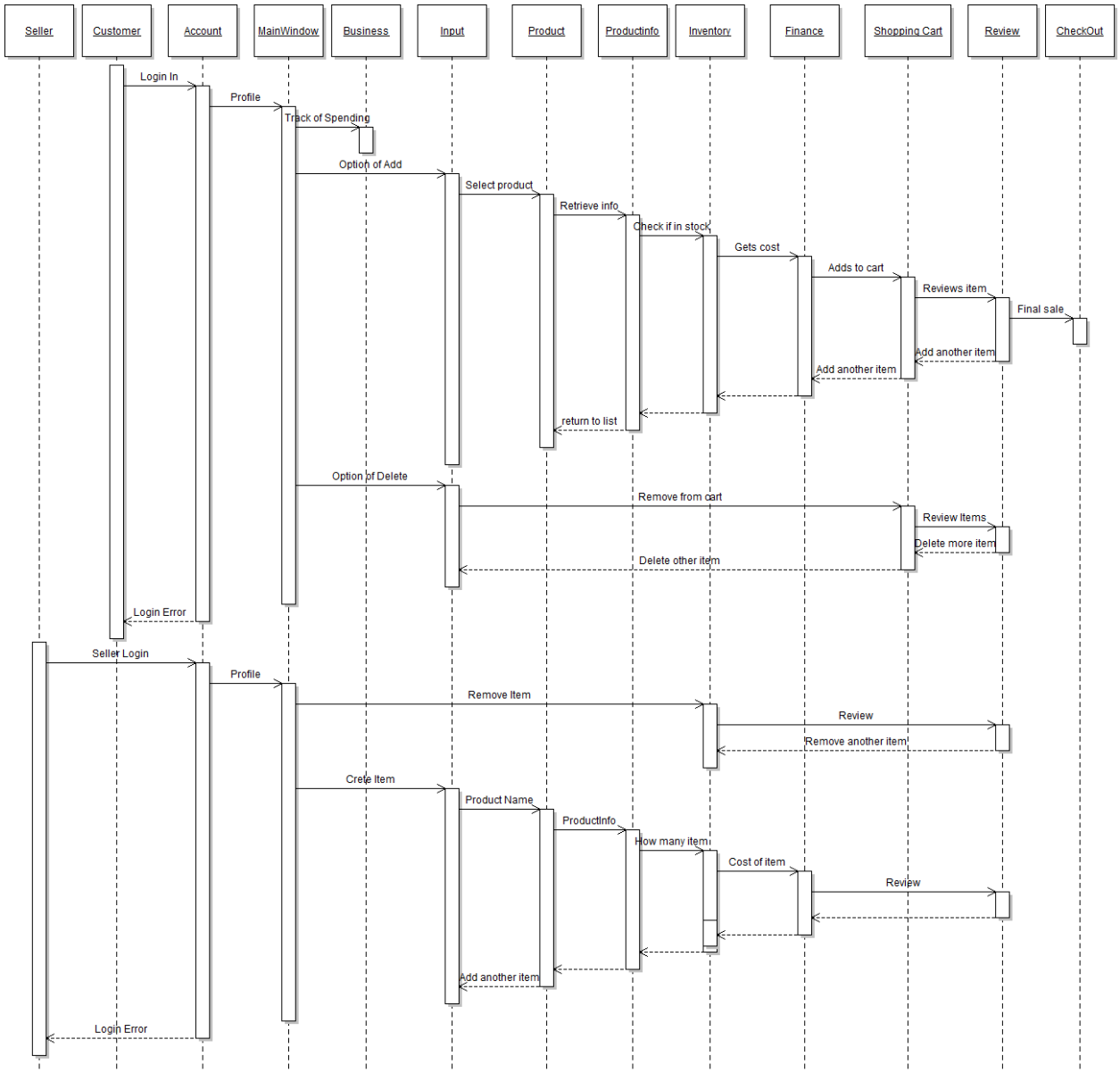
Finance	
Keeps track of costs, revenues, and profits.	MainWindow Product

Business	
Holds general information about the business.	MainWindow

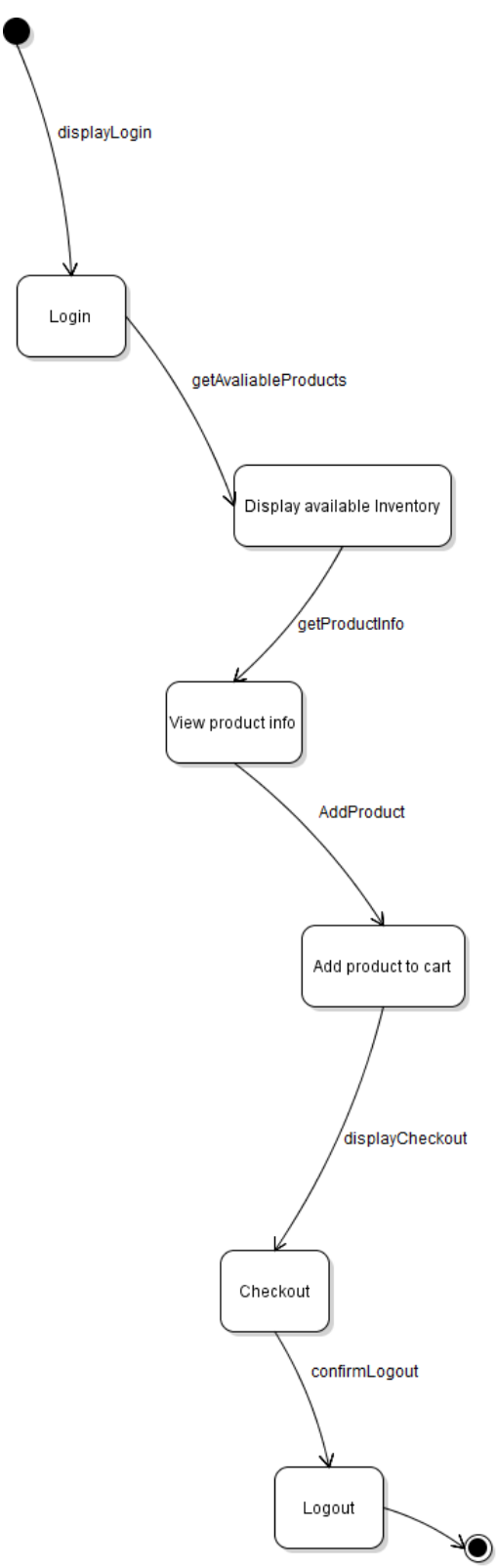
Class Diagram

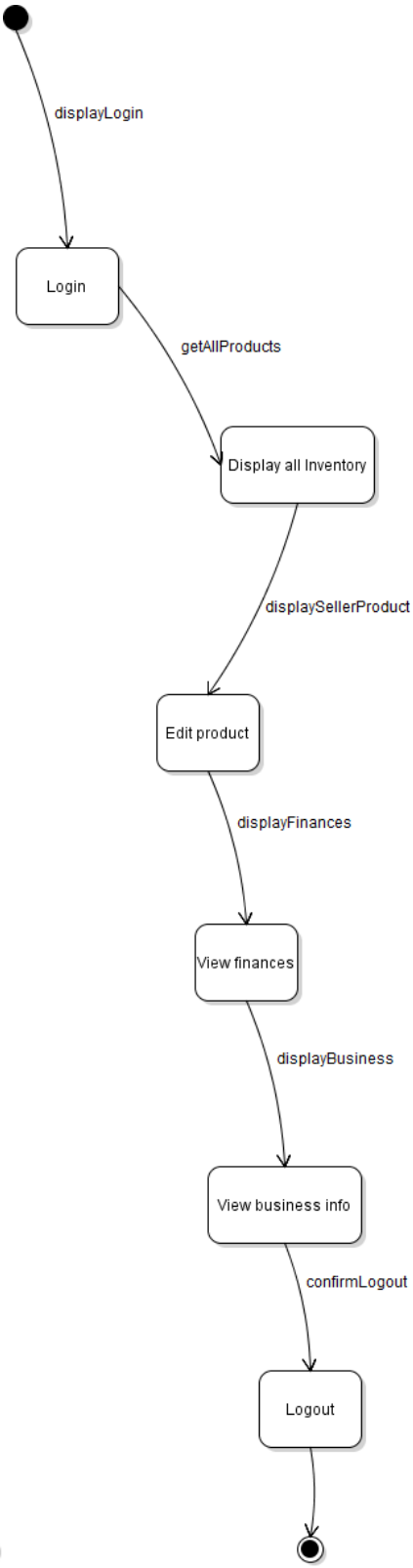


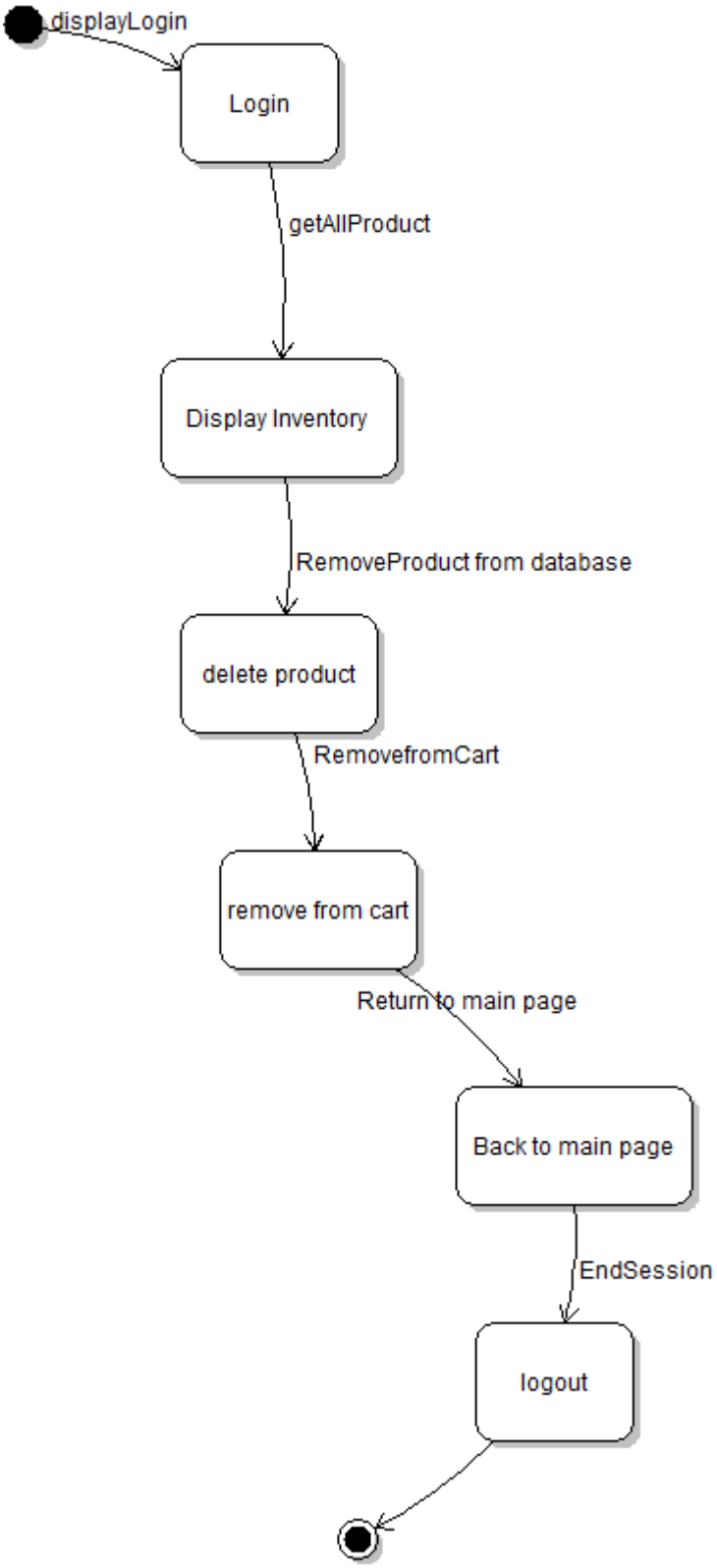
Sequence Diagram



State Diagrams






displayLogin
Login
getAllProduct
Display Inventory
RemoveProduct from database
delete product
RemovefromCart
remove from cart
Return to main page
Back to main page
EndSession
logout