CRC Example
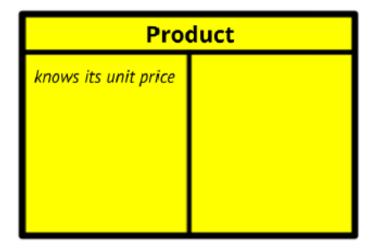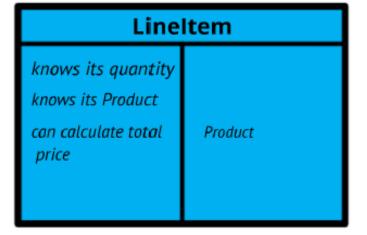
Add Item to Cart

After finding the product, the customer selects "add to cart." The customer also indicates the quantity. The system checks inventory to make sure there is sufficient quantity in stock. The item is added to the cart, and the total price of the order is updated.

Customer

knows ShoppingCart	
can check inventory	
can add a line item	LineItem
	Shopping Cart

Product

knows its unit price	

ShoppingCart

knows its line items	
knows its total price	
can update total price	LineItem

LineItem

knows its quantity	
knows its Product	
can calculate total price	Product

Next

UML