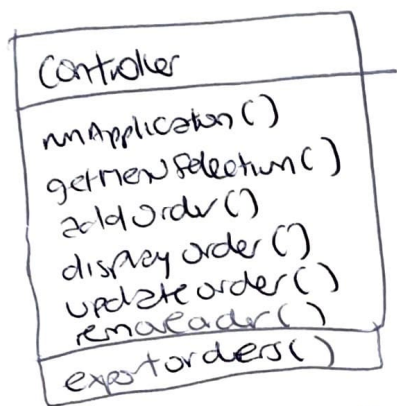
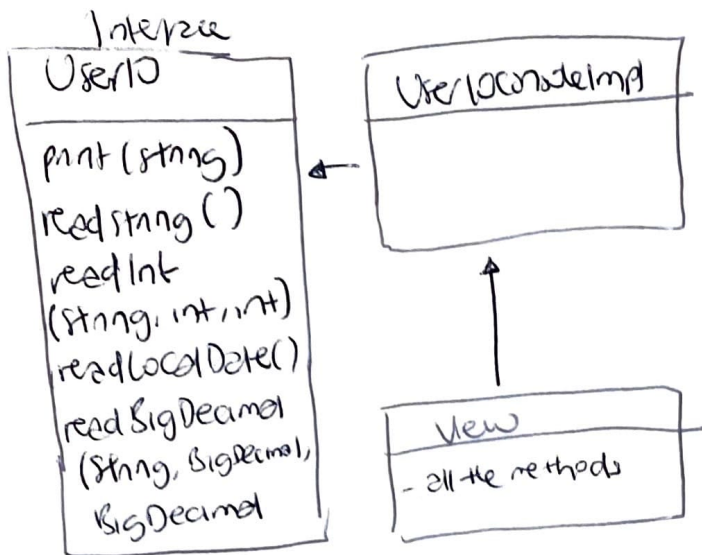
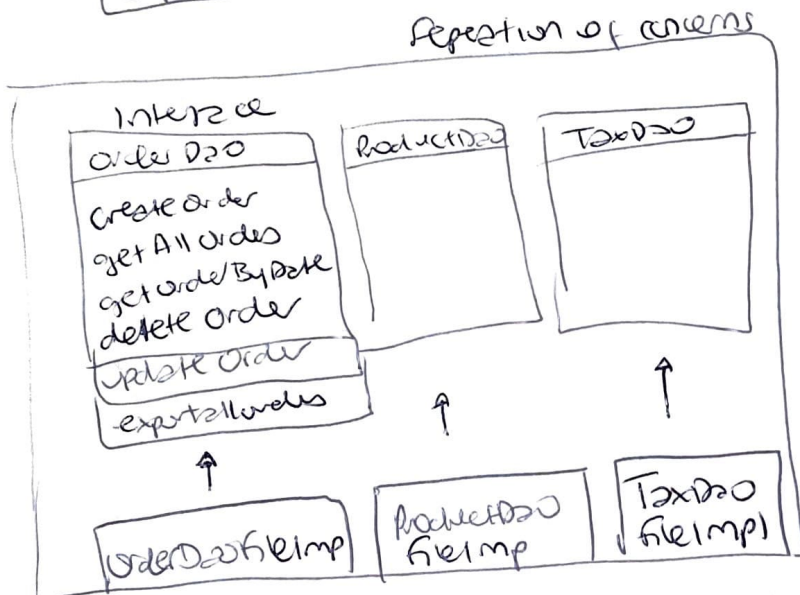


UML



Repetition of concerns



dto

Order

orderNumber: int
 customerName: string
 area: BigDecimal
 materialCost: BigDecimal
 laborCost: BigDecimal
 totalTax: BigDecimal
 orderDate: LocalDate
 tax: tax
 product: product

Product

productName: string
 costPerSquareFoot: BigDecimal
 laborCostPerSquareFoot: BigDecimal

Tax

stateAbbreviation: string
 taxRate: BigDecimal
 stateName: string

BigDecimal reduces
 chance of calculation error
 - floating point errors

Interface

Service

addOrder()
 getOrder()
 editOrder()
 removeOrder()
 getAllStates()

Service Layer
(impl)

methods