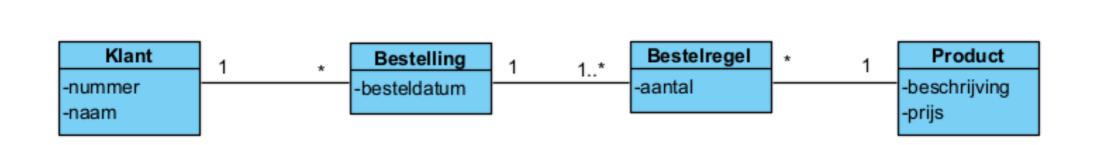
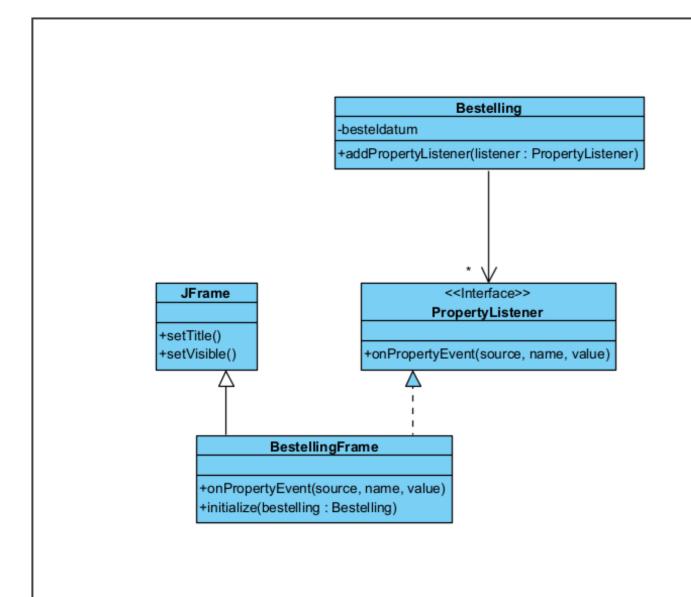


Klassendiagram



Klassendiagram – voorbeeld domeinmodel



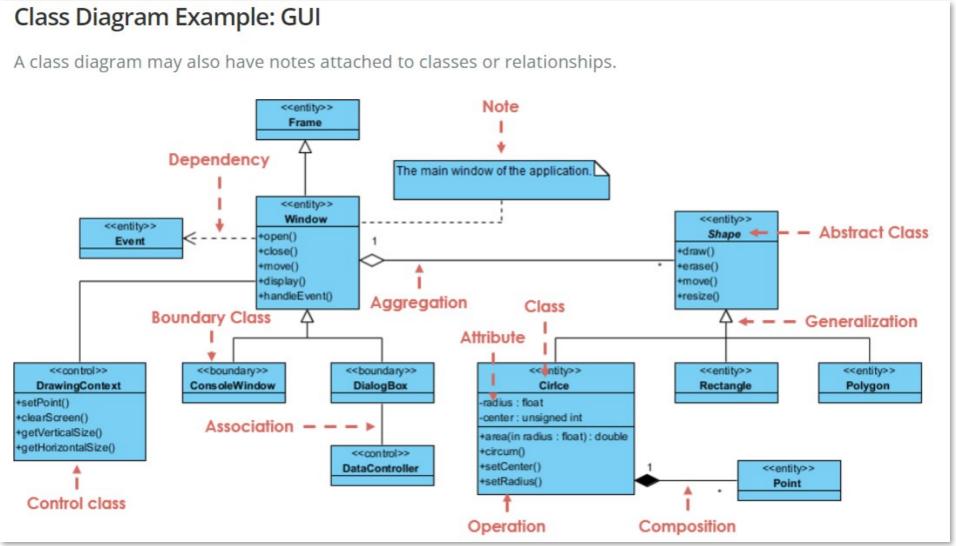
Klassendiagr am: voorbeeld softwareklas sen

Voorbeeld domeinmodel met uitleg

Symbolon Class Diagram Example: Order System Multiplicity Aggregation Class Role Order **OrderDetail** Item -date : date -shippingWeight quantity Customer status: String description: String -taxStatus : String line item Attribute - - ▶-name: String +calcSubTotal() +getPriceForQuantity() +calcSubTotal() +calcTax() +calcWeight() +getTax() +calcTotal() +inStock() +calcTax() +calcTotalWeight() > Association Operation 1..* Abstract Class - -Payment amount: float Generalization - -Check Cash Credit -cashTendered : float -name : String -number : String -type : String -bankID : String -expDate +authorized() +authorized()



Voorbeeld softwareklassen met uitleg symbolen Class Diagram Example: GUI





Mogelijke inhoud drie compartimenten van een klasse

ClassX

- classOrStaticAttribute : Int
- + publicAttribute : String
- privateAttribute

assumedPrivateAttribute

isInitializedAttribute : Bool = true

burgerCollection : VeggieBurger [*]

attributeMayLegallyBeNull: String [0..1]

finalConstantAttribute : Int = 5 { readOnly }

/derivedAttribute

- + classOrStaticMethod()
- + publicMethod()

assumedPublicMethod()

- privateMethod()
- # protectedMethod()
- ~ packageVisibleMethod()

«constructor» SuperclassFoo(Long)

methodWithParms(parm1 : String, parm2 : Float)

methodReturnsSomething(): VeggieBurger

methodThrowsException() {exception IOException}

abstractMethod()

abstractMethod2() { abstract } // alternate

finalMethod() { leaf } // no override in subclass

synchronizedMethod() { guarded }