Product

Id : int {int}

Name : string

Description : string

Price : decimal

AvailableStock : int

<<enumeration>>

OrderStatus

Submitted

AwaitingValidation

StockConfirmed

Paid

Shipped

Cancelled

1

1

\* orderItem 1

Address

Street : string

City : string

State : string

Country : string

ZipCode : string

# GetEqualityComponents()

Order

Id : int {id}

OrderDate : Date

Address : Address

OrderStatus : OrderStatus

- \_paymentMethodId : int

- \_description : string

+ AddOrderStartedDomainEvent( userId:string, userName:string, cardTypeId:int, cardNumber:string,

cardSecurityNumber:string, cardHolderName:string, cardExpiration: DateTime)

OrderItem

Id : int {id}

ProductId : int

- \_productName : string

- \_unitPrice : decimal

- \_discount : decimal

- \_units : int

+ GetCurrentDiscount()

+ GetUnits()

+ GetUnitPrice()

+ GetOrderItemProductName()

+ SetNewDiscount(discount:decimal)

+ AddUnits(units:int)