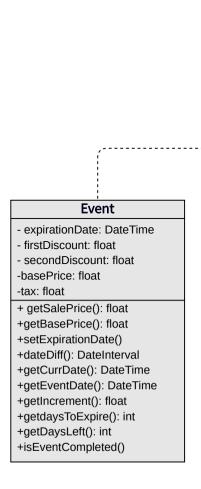## Product

- name: string
- basePrice: float
- manufacturer: string
- weight: float
- volume: float
- tax: float

+ getSalePrice(): float
+ getShippingCost(): float
+ getName(): string
+ setName()
+getBasePrice(): float
+setBasePrice(basePrice)
+getManufacturer(): string
+setManufacturer(manufacturer)
+getWeight()
+setWeight(): float
+getVolume()
+setVolume(volume): float
+getTax()
+setTax(tax): float

<<extend>>

Persihable

- expirationDate: DateTime
- firstDiscount: float
- secondDiscount: float

+ getSalePrice(): float
+getBasePrice(): float
+setExpirationDate()
+getDiscount()
+getDaysToExpire()
+dateDiff(): DateInterval
+getCurrDate(): DateTime
+getExpirationDate(): DateTime
+isExpired(): bool

Service

- name: string

+ getName(): string
+ setName()

<<extend>>

Event

- expirationDate: DateTime
- firstDiscount: float
- secondDiscount: float
-basePrice: float
-tax: float

+ getSalePrice(): float
+getBasePrice(): float
+setExpirationDate()
+dateDiff(): DateInterval
+getCurrDate(): DateTime
+getEventDate(): DateTime
+getIncrement(): float
+getdaysToExpire(): int
+getDaysLeft(): int
+isEventCompleted()

MixedService

+nSessions: int
-eventDate: DateTime

+addSession()
+deleteSession()
+getnSession(): int
+setnSession(nSessions): int
+getDaysLeft(): int
+isMixedCompleted(): bool
+getCurrDate(): DateTime
+getEventDate():DateTime

NormalService

- basePrice: float
- manufacturer: string
- tax: float

+ getSalePrice(): float
+getBasePrice(): float
+setBasePrice(basePrice)
+getManufacturer(): string
+setManufacturer(manufacturer)
+getTax()
+setTax(tax): float

SessionService

+nSessions: int

+addSession()
+deleteSession()
+getnSession(): int
+setnSession(nSessions): int