

Batch
- quantity: int
- price: float
+ isEmpty(): boolean
+ addUnit(units: int): boolean
+ removeUnit(units: int): boolean

Recipe
- quantity: int[]

Product
- name: String

Simple

Derivate

Pontuation
- points: int
+ addPoints(points: int): void
+ removePoints(points: int): void

Transaction
- id: int
- type: String
- quantity: int

Purchase
- price: float

Sale
- basePrice: float
- effectivePrice: float
+ recalculateEffectivePrice(): void
+ hasBeenPaid(): void
+ applyExtras(): void

Disaggregation
- basePrice: float
- effectivePrice: float
- resultingProductPrices: float[]

Time
- date: int
+ forwardTime(increment: int)

Notification
- description: String