

Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo do projeto, Ricardo Antunes

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João Rocha

WarehouseManager

-- filename

- + dele(): int
- + advanceRate(days: int)
- + availableBalance(): double
- + accountingBalance(): double
- + products(): String
- + registerProduct(id: String)
- + registerProduct(id: String, components: String[], amounts: int[], aggravation: double)
- + batches(): String
- + batchesByPartner(partnerId: String): String
- + batchesByProduct(productId: String): String
- + batchesByPrice(priceLimit: double): String
- + partner(id: String)
- + partners(): String
- + registerPartner(id: String, address: String)
- + toggleNotification(partnerId: String, productId: String)
- + purchases(partnerId: String): String
- + salesAndDisaggregations(partnerId: String): String
- + paidTransactions(partnerId: String): String
- + partnerHistory(partnerId: String): String
- + transaction(id: int): String
- + registerDisaggregation(partnerId: String, productId: String, amount: int)
- + registerSale(partnerId: String, productId: String, amount: int, price: double)
- + registerPurchase(partnerId: String, productId: String, amount: int, price: double)
- + createSalePayment(id: int)
- + save()
- + saveAs(filename: String)
- + load(filename: String)
- + importFile(textfile: String)

Warehouse

- date: int

- availableBalance: double

- accountingBalance: double

+ importFile(txtFile: String)

+ advanceRate(days: int)

+ products(): Product[]

+ product(id: String): Product

+ registerProduct(product: Product)

+ batches(): Batch[]

+ batches(partner: Partner): Batch[]

+ batches(priceLimit: double): Batch[]

+ partners(): Partner[]

+ partner(id: String): Partner

+ registerPartner(id: String, name: String, address: String)

+ transactions(): Transaction[]

+ transaction(id: int): Transaction

+ registerTransaction(transaction: Transaction)

UnreliableFileException

MissingFileAssociationException

ImportFileException

BadEntryException

Product

- id: String
- maxPrice: double
- stock: int

+ (abstract) + getPeriodN(): int
+ buy (amount: int)
+ sell (amount: int): double
+ addListener (listener: Notifiable)
+ removeListener (listener: Notifiable)

Derived Product

- aggregation: double
+ missingComponent (amount: int): Product
+ aggregate (amount: int): double
+ disaggregate (amount: int): double[]

Batch

- amount: int
- price: double

Recipe Component

- amount: int

Notification Method

+ execute (notification: Notification)

Purchase

- value: double

Notifiable

+ store (notification: Notification)
+ listNotification(): Notification[]
+ notify (notification: Notification)
+ addMethod (method: NotificationMethod)

Notification

- description: String
- price: double

Transaction

- id: int
- date: int
- amount: int

Status

+ getTax (period: int, date: int, deadline: int): double

Simple Product

Disaggregation

Sale

- deadline: int
- baseValue: double
- payedValue: double
+ pay (value: double)

Partner

- id: String
- name: String
- address: String
- points: double
- purchasesValue: double
- salesValue: double

Normal Status

Selection Status

Elite Status

Methods "equals" and "toString" have been omitted since they are inherited from Object. Getters, setters and constructors have also been omitted. Class Serial numbers have also been omitted.