

Warehouse Manager

- filename: String

+ openFile(): void

+ save(): void

+ menuSaveAs (filename: String): void

+ exit(): void

+ showAllproducts(): String

+ showAllproductsAvailable(): String

+ showAvailableBatches(): String

+ showBatchesByPartner (name: String): String

+ showBatchesByProduct (product: String): String

+ showPartner (partner: String): String

+ showAllPartners(): String

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

+ toggleProductNotifications (name: String, product: String): void

+ showPartnerAcquisition (name: String)

+ showPartnerSales (name: String): String

+ showTransaction (id: int): String

+ registerBreakdownTransaction (idPartner: String, idProduct: String, amount: int): void

+ registerSaleTransaction (idPartner: String, idProduct: String, price: double, amount: int): void

+ registerAcquisitionTransaction (idPartner: String, idProduct: String, price: double, amount: int): void

+ receivePayment (id: int): void

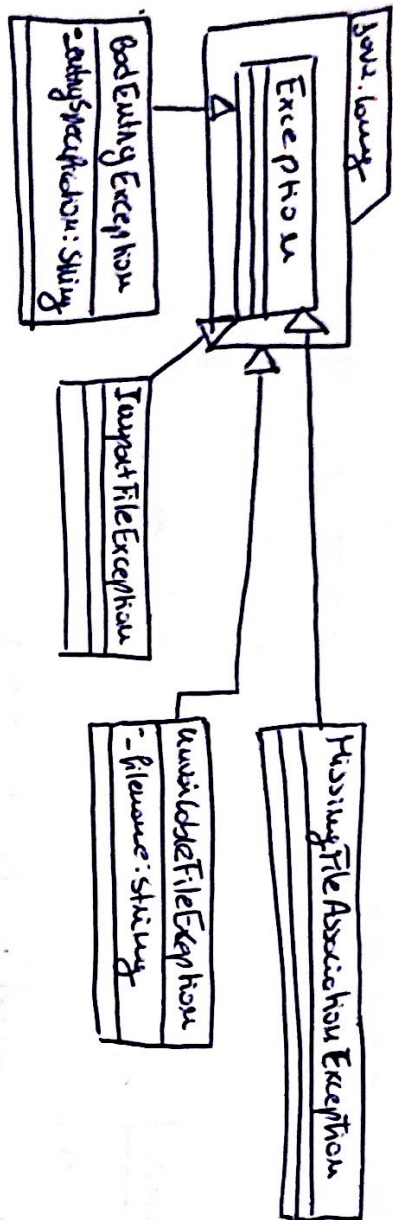
+ lookupProductByUnderGivenPrice (limit: int): String

+ lookupPaymentByPartner (name: String): String

warehouse

- date : int
- balance : int
- partners : Map<String, Partner>
- products : Map<String, Product>
- transaction : Map<int, Transaction>

- + showAllProducts() : String
- + showAllProductsAvailable() : String
- + showAvailableBatches() : String
- + showBatchesByPartner(name : String) : String
- + showBatchesByProduct(product : String) : String
- + showPartner(name : String) : String
- + showAllPartners() : String
- + registerPartner(name : String, address : String) : void
- + toggleProductNotifications(name : String, product : String) : void
- + showPartnerAcquisitions(name : String) : String
- + showPartnerSales(name : String) : String
- + showTransaction(id : int) : String
- + registerBreakdownTransaction(idPartner : String, idProduct : String, amount : int) : void
- + registerSaleTransaction(idPartner : String, limit date : int, idProduct : String, amount : int) : void
- + registerAcquisitionTransaction(idPartner : String, idProduct : String, price : double, amount : int) : void
- + receivePayment(id : int) : void
- + lookupProductBatchesUnderGivenPrice(limit : int) : String
- + lookupPaymentsByPartner(name : String) : String
- + currentDate : void
- + daysToAdvance(date : int) : void
- + currentBalance() : void



Partner
- name: string - address: string - trans: int [] - status: string - points: int = 0 + setStatus(points: int): void + getStatus(): string + trans history(): void + setTransactions(): void

Transaction
- partner: Partner - do to: int - id: int - countTrans: int = 0 - type: string + updateMoney(): void + incCounter(): void + checkTransactionType(): string + handleDissegregation(): void

Buy
- product: Product - quantity: int

Sale
- quantity: int - paymentDeadline: int - product: Product + checkProductType(): string + derivedProductCheck(): void + updateProduct(product: Product): void

Batch
- partner: Partner - quantity: int - price: double + checkQuantity(): void + newBatch(): void + addProduct(quantity: int): void

Position
- idProduct: Product - description: string + pushPosition(): void

Product
- id: string - type: string

Declaro por minha honra que este diagrama
foi realizado apenas pelos elementos que constituem
o grupo de projeto.

Dago Alexandre Santos Falcão

Declaro por minha honra que este diagrama foi realizado apenas
pelos elementos que constituem o grupo de projeto

Gassim Gassim