Warehouse

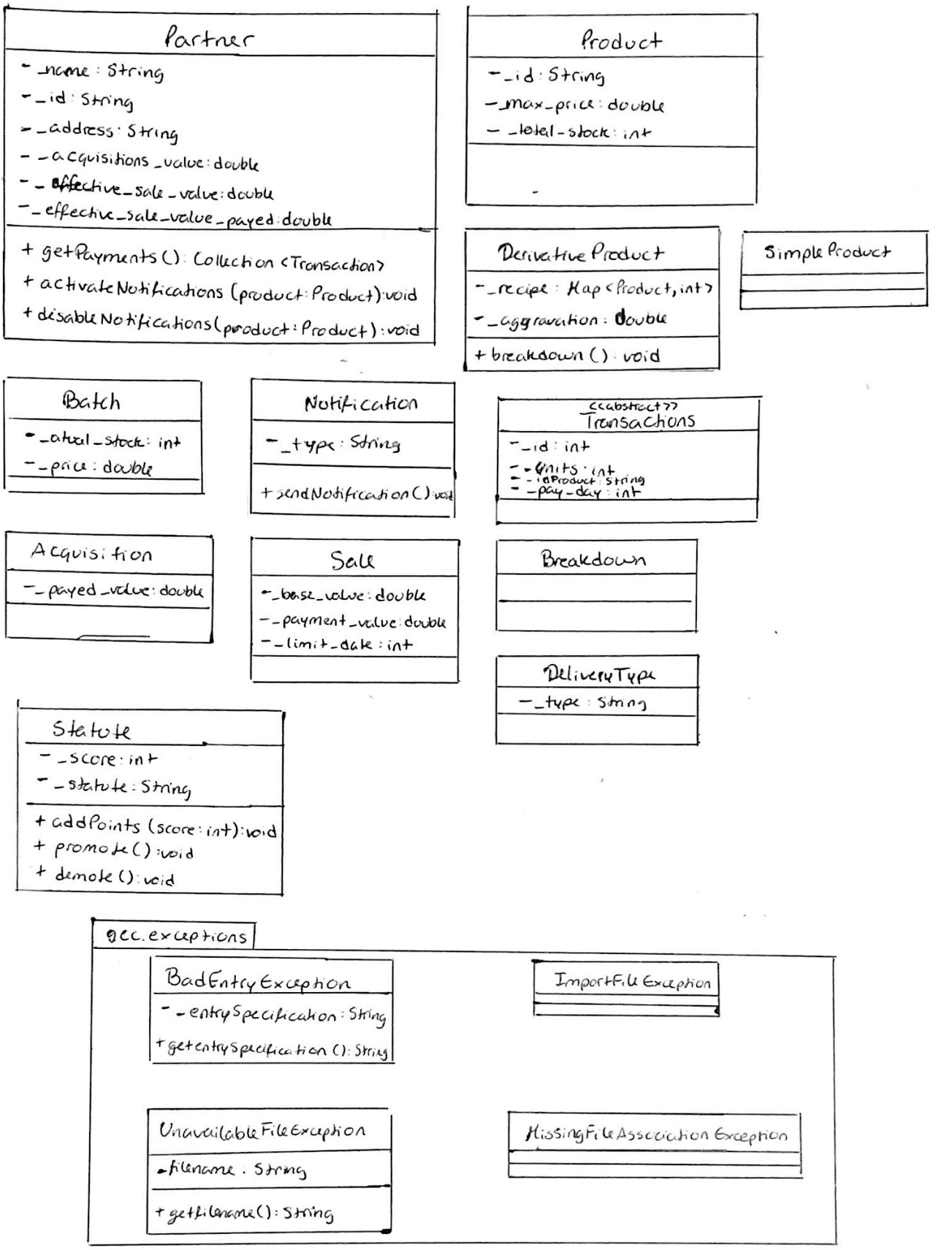
- -filename: String
- -balance: double = 0
- -pID: int = 0
- -date: int = 0

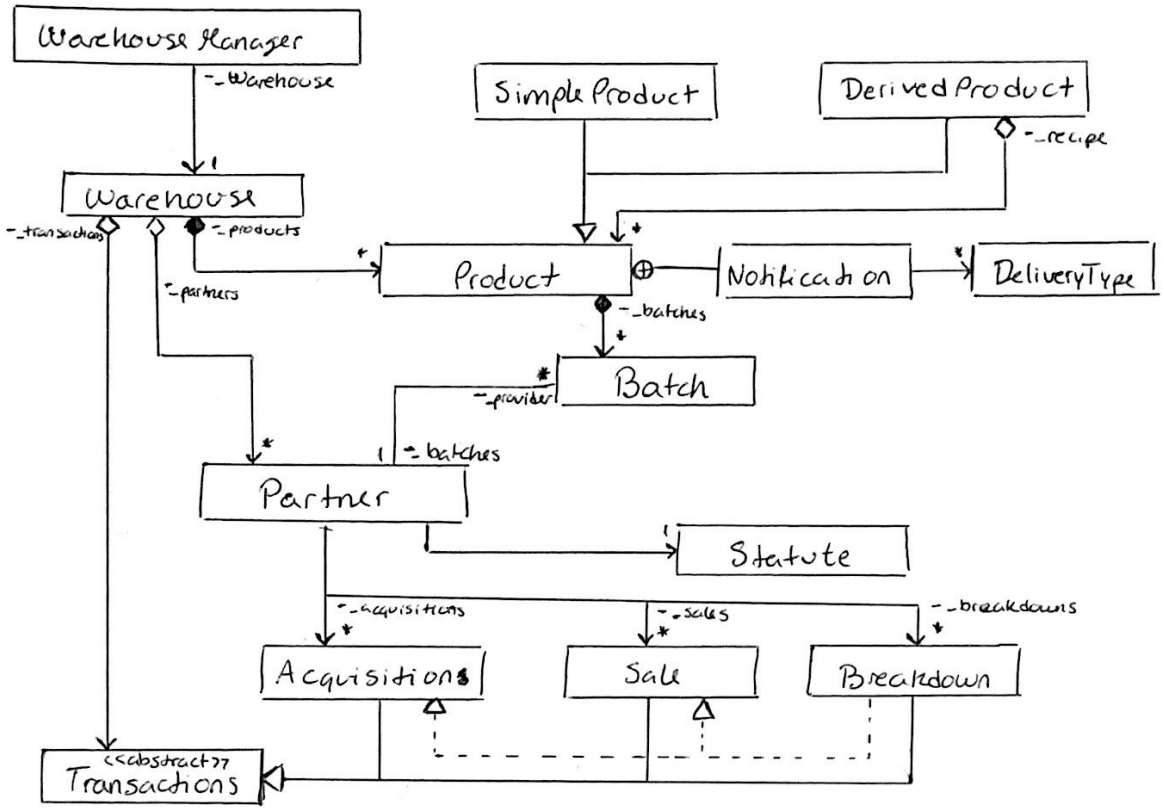
+ lookupPaymentsByPartner(id: String): String
+ lookupProductBatchesUnderGivenPrice(price: double): String
+ advanceDate(days: int) void
+ displayDate(): String
+ openFile(file: String): void
+ saveFile(file: String): void
+ showGlobalBalance(): String
+ registerPartner(id: String, name: String, address: String): void
+ showAllPartners(): String
+ showPartner(id: String): String
+ showPartnerAcquisitions(id: String): String
+ showPartnerSales(id: String): String
+ toggleProductNotification(id_partner: String, id_product: String): void
+ showAllProducts(): String
+ showAvailableBatches(): String
+ showBatchesByPartner(id: String): String
+ showBatchesByProduct(id: String): String
+ receivePayment(id: String): void
+ registerAcquisitionTransaction(idPartner: String, idProduct: String, price: double, units: int): void
+ registerBreakdownTransaction(idPartner: String, idProduct: String, units: int): void
+ registerSaleTransaction(idPartner: String, idProduct: String, limit_date: int, units: int): void
+ showTransaction(id: int): String

WarehouseManager

- _filename: String

+ save(): void
+ saveAs(filename: String): void
+ load(filename: String): void
+ importFile(textfile: String): void
+ lookupPaymentsByPartner(id: String): String
+ lookupProductBatchesUnderGivenPrice(price: double): String
+ advanceDate(days: int) void
+ displayDate(): String
+ openFile(file: String): void
+ saveFile(file: String): void
+ showGlobalBalance(): String
+ registerPartner(id: String, name: String, address: String): void
+ showAllPartners(): String
+ showPartner(id: String): String
+ showPartnerAcquisitions(id: String): String
+ showPartnerSales(id: String): String
+ toggleProductNotification(id_Partner: String, id_Product: String): void
+ showAllProducts(): String
+ showAvailableBatches(): String
+ showBatchesByPartner(id: String): String
+ showBatchesByProduct(id: String): String
+ receivePayment(id: String): void
+ registerAcquisitionTransaction(idPartner: String, idProduct: String, price: double, units: int): void
+ registerBreakdownTransaction(idPartner: String, idProduct: String, units: int): void
+ registerSaleTransaction(idPartner: String, idProduct: String, limit_date: int, units: int): void
+ showTransaction(id: int): String


Partner
- _name : String
- _id : String
- _address : String
- _acquisitions_value : double
- _effective_sale_value : double
- _effective_sale_value_payed : double
+ getPayments () : Collection <Transaction>
+ activateNotifications (product : Product) : void
+ disableNotifications (product : Product) : void
Product
- _id : String
- _max_price : double
- _total_stock : int
Derivative Product
- _recipe : Map <Product, int>
- _aggravation : Double
+ breakdown () : void
Simple Product
Batch
- _actual_stock : int
- _price : double
Notification
- _type : String
+ sendNotification () : void
<<abstract>>
Transactions
- _id : int
- _units : int
- _idProduct : String
- _pay_day : int
Acquisition
- _payed_value : double
Sale
- _base_value : double
- _payment_value : double
- _limit_date : int
Breakdown
DeliveryType
- _type : String
Statute
- _score : int
- _statute : String
+ addPoints (score : int) : void
+ promote () : void
+ demote () : void
ecc.exceptions
BadEntryException
- _entrySpecification : String
+ getentrySpecification () : String
ImportFileException
UnavailableFileException
- filename . String
+ getFilename () : String
MissingFileAssociationException


Warehouse Manager
-_warehouse
Simple Product
Derived Product
-_recipe
Warehouse
-_transactions
-_products
-_partners
Product
Notification
DeliveryType
-_batches
Batch
-_provider
-_batches
Partner
Statute
-_acquisitions
-_sales
-_breakdowns
Acquisitions
Sale
Breakdown
<<abstract>>
Transactions

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

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