Product

Product
- price : float
- key : String
- stock: int

Transaction
- number : int
- pay Date: int

Sale
- parter Key : String
- product Key : String
- max Date To Pay : int
- base Value : float
- Value To Pay : float
- quantity : int

Component
- Key : String
- quantity : int
- price : float

Partner
- name : String
- address: String
- key : String
- points : int
- orders_value : float
- sales_sold_value : float
- sales_bought_values: float

Order
- post price : float
- supplier
- Partner Key: String
- product Key: String
- Quantity : int

Desagregation
- partner Key : String
- product key: String
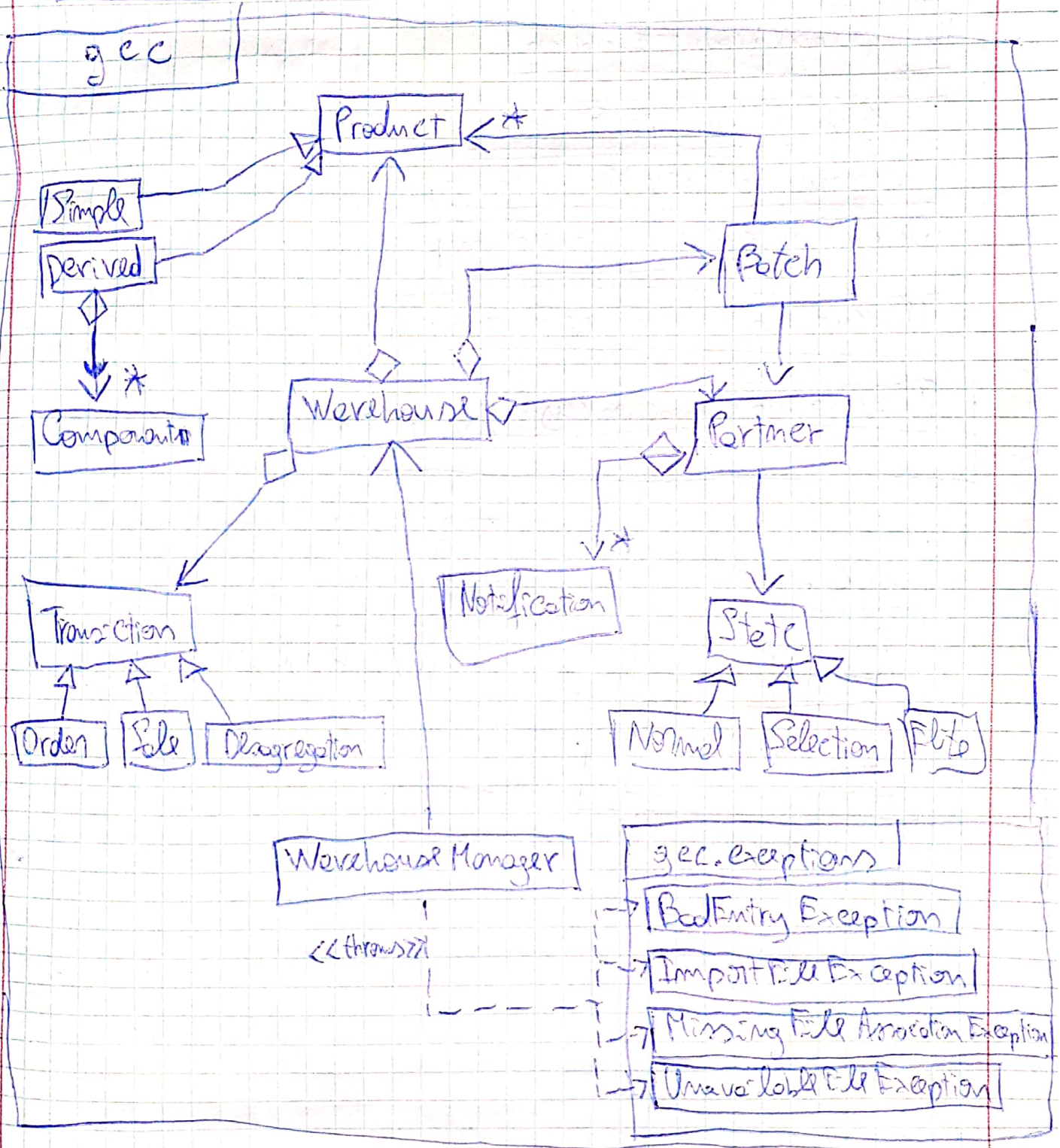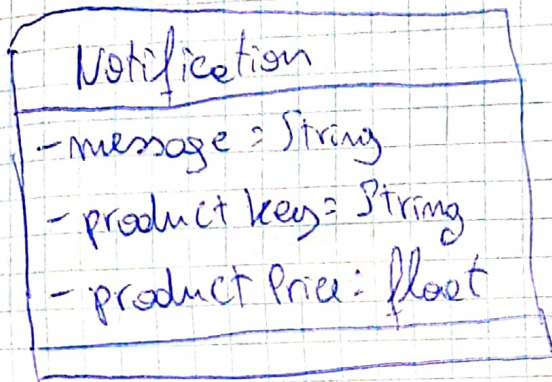- quantity : int
- base Value : float
- value To Pay : float

threshold String

notification

threshold -

Notification
- message : String
- product key : String
- product Price : float

gcc

Product < *

Simple
Derived

Batch

Component *

Warehouse

Partner

Notification

State

Transaction

Order   File   Deagregation

Normal   Selection   File

Warehouse Manager

<<throws>>

gcc.exceptions

BadEntry Exception

ImportFile Exception

Missing File Association Exception

Unavailable File Exception

Warehouse

- balance : float
- date : int
- transaction_number : int
- transactions : Hash Map < Many Integer, Transaction >
- products : Hash Map < String, Product >
- partners : Hash Map < String, Partner >
- batches : Hash Map < String, Batch >

+ Register Partner (key: String, name: String, address: String) :
+ Show All Partners () : HashMap < String, Partner >
+ Show Partner (key: String) : Partner
+ Show Partner Acquisitions (key: String) : Float
+ Show Partner Sales (key: String) : Float
+ Toggle Product Notifications (partner key: String, product key:
+ Show All Products () : Hash Map < String, Product >
+ Show Available Batches () : Hash Map < String, Batch >
+ Show Batches By Partner (key: String) : HashMap <String, Bat
+ Show Batches By Product (key: String) : HashMap < String, Bat
+ Receive Payment (value: float, partner key: String, product key: String)
+ Show Transaction (Key: String) : Transaction
+ Display Date () : void
+ Advance Date (day: int) : void
+ Open File (filename: String) : void
+ Load File (filename: String) : void
+ Show Global Balance () : Float

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

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