```
wave house

- exfinal >> seral version (VII) long = 202109192106L

- real Balance * int = 0

- accounting Balance : int = 0

- accounting Balance : int = 0

- accounting Balance : int = 0

- ntock : Collection < Sector >

- ntock : Collection < Goldection < Thansaction >

- transact on Hintory : Collection < Thansaction >

- partners : Collection < Partner >

+ find Product (product Name : String) : Croduct + find Payments 13y Partner (partner : Partner) + find Payments 13y Partner (partner : Partner) + find hodict Batches Under Given Pico (price : float) + advance Pate () svoid + diplay Pato () : Void + diplay Pato () : Void + ment paymaction () Transaction
```

```
Jate
-_date: int = 0
+increment Jate (increment: int): void
```

```
Notification

- moduct: Product

- text: String = ""

- mbreitedNotifications: Gollection < string)

- mbreitedNotifications: Gollection < string)

+ subscribeTlean (newlean: String): Void

+ minubscribeTlean (nm/Tlean: String): Void
```

Transaction

--id:int

--type: String

--date:int

--partner: Partner

--partner: Product

--moduct: Product

--prantity: int

--price: float

+ << Matic>> generateNewID()

+ checkPurchase (): boolean

+clock Sell(): boolean

Hamfacture

+ can(listain (product: Product): int

+ aggregate (product: Product): Collection < Batch>
+ aggregate (product: Product): Collection < Batch>
+ bleakdown (product: Product): Collection < Batch>

## Partner

- \_ mame : 5thing

- adolers string

-\_ status status

-- on Going Payments: Collection < Framacton>

- - remaction Kintory: Collection < Transaction>

- \_ NECK: Gollection (Sector)

+ rog ster Purchase (transaction transaction) : void

+ reg Non-Payment (transaction: Transaction): wid

+ register Sell (transaction; Transaction) : void

+ madate Status () : void

## Sector

- - product : Product

-- totalstock int

-\_batches: Gollection < Batch>

+ stre Batch (batch: Botch): void

+ search Chapert Batch (): Batch

+ remove Batch (batch: Batch): void

## Batch

- - Moduct : Product

-- remaining Units; int

- \_ miceUnit : xxx float

+ ydal Batch (quantity in): void

+ in Empty Botch (): boolean

Product Mame: String

DervedBroduct

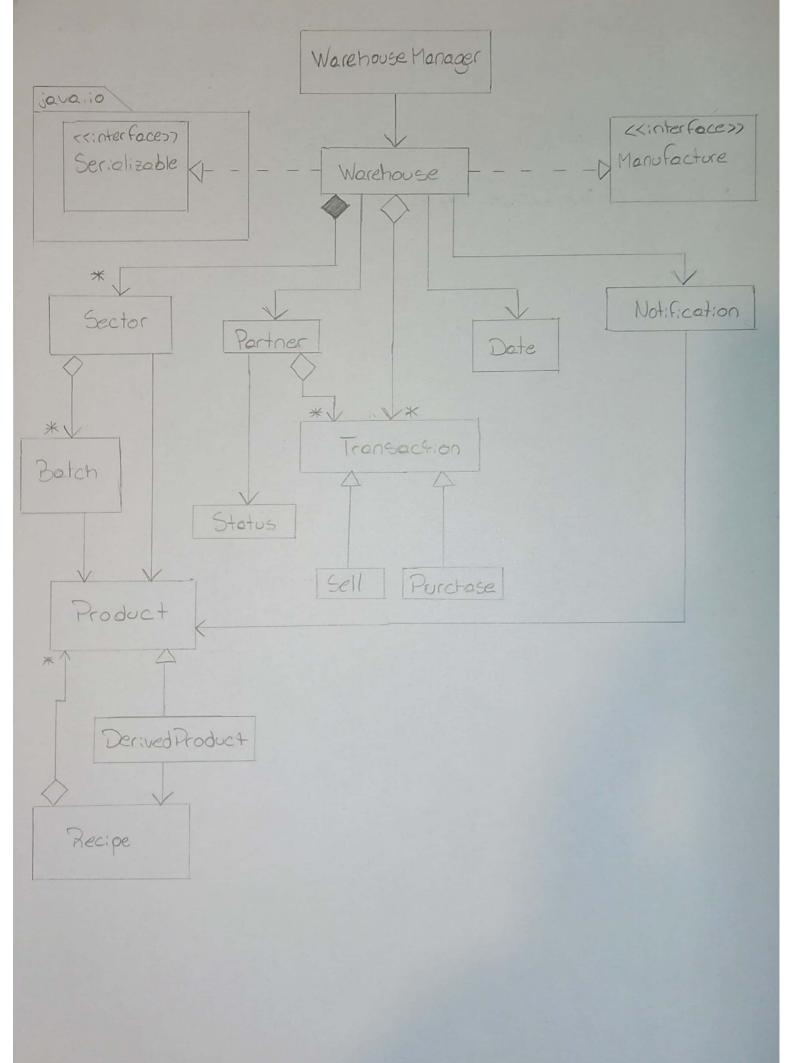
- necipe : Recipe

Recipe

-- inbroducts: Tax < moduct: String, quantity: int > -\_ multiplier: float

## harehouse Manager

- -- filename: String = ""
- \_ warehouse: Warehouse = new Warehouse (7
- + nave(): void
- + nave As (filenamo: String): void
- + load (filename: String): void + imfort Eile (textfile: String): void



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

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