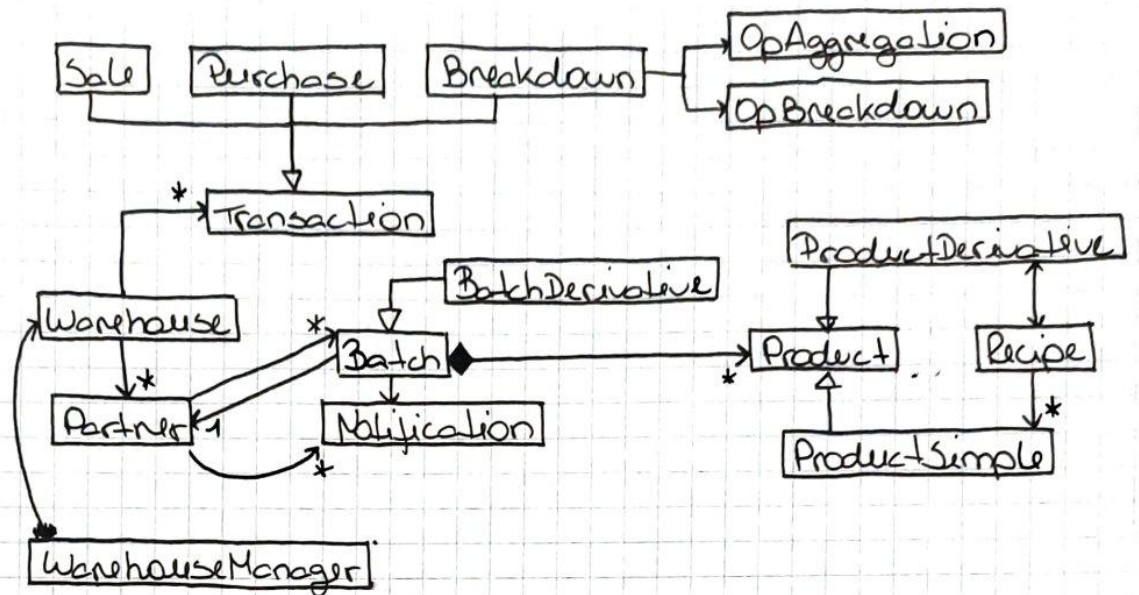


Margarede Bezerra 99240
M. Sotir Pinho 99242

Grupo S6



Grupo 056

Margarida Bezerra nº 99270 e Sofia Pinho nº 99272

Warehouse

- _balance: int
- _batches: Batch[]
- _products: Product[]
- _partners: Partner[]
- _transactions: Transaction[]
- _date: int

- ~~+ update_balance(value: double): void~~
- + update_balance(value: double): void
- + addBatch(batch: Batch): void
- + deleteBatch(batch: Batch): void
- + addProduct(product: Product): void
- + addPartner(partner: Partner): void
- + deletePartner(partner: Partner): void
- + addTransaction(transaction: Transaction): void
- + advanceDate(days: int): void

Partner

- _name: String
- _address: String
- _id: String
- _points: int
- _transactions: Transaction[]
- _delivery_method: String
- _notified_products: Product[]
- _notifications: Notification[]

- + change_delivery_method(method: String): void
- + update_status(): void
- + update_points(transaction: Transaction): void
- + add_transaction(transaction: Transaction): void
- + get_purchases_value(): double
- + get_sales_made_value(): double
- + get_sales_paid(): double
- + delete_notifications(): void

Grupo 056

Margarida Bezerra n: 99270 e Sofia Pinho n: 99270

Batch Derivative

- _aggravation: double
- _recipe: Recipe

Batch

- _stock: int
- _unit_price: double
- _partner: Partner
- _product: Product
- _id: int

- + check_product_prev_status(transactions: Transaction[]): void
- + quantity_sold(qty: int)

Notification

- _batch: Batch
- _type: String
- _product: Product
- _partners_notify: Partner[]

- + remove_partner_notif(partner: Partner): void
- + add_partner_notif(partner: Partner): void

Grupo 036

Maryande Bezerra n° 77270 e ~~Maryande~~ Sofia Pinho n° 77272

Transaction
- id: int
- date: transaction: int
- partner: Partner
- product: Product
- quantity: int
+ registerTransaction(): void

Sale
- limit_date: int
- actual_payment_date: int
+ pay(): void

Purchase
- price: double

Breakdown
- product_creation: OpAggregation
- product_breakdown: OpBreakdown
+ pay(): void
+ calc_price_difference(): double

~~Breakdown~~
~~- product_creation: Op~~

Grupo 056
Margarida Bezerra n° 99270 e Sofia Pinhe n° 99272

Op Aggregation

- products_base: Product[]
- quantities: int[]
- product_final: Product[]

+ execute_aggregation(quantity: int): void



Op Breakdown

- product_base: Product
- components: Product[]
- quantities: int

+ execute_breakdown(quantity: int): void

Warehouse Manager

- warehouse: Warehouse

Grupo 056

Margarida Bezerra n° 99270 e Sofia Pinho n° 99272

Product Derivative
- _recipe: Recipe
- _aggravation: double
+ calculatePrice(): double

Recipe
- _product_final: Product
- _simple_products: Product Simple[]
- _quantities: int[]
- _final_product_quantity: int

~~Recipe~~
~~calculate product:~~

Product
- _id: String
- _unit_price: double
- _batches: Batch[]
+ addBatch(batch: Batch): void
+ deleteBatch(batch: Batch): void

Product Simple

Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo do projeto. M. Sofia Pinho

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