



Warehouse Manager

- Warehouse Warehouse

- + importFile (String fileName): void
- + open (String fileName): void
- + save(): void
- + CurrentDate(): int
- + advanceDays (int days): void
- + get Batches Below Limit (int value): String
- + get Paid Transactions (String partnerKey): String
- + get All Products(): String
- + get All Batches(): String
- + get Batches By Partner (String partnerKey): String
- + get Batches By Product (String productKey): String
- + get Partner Info (String partnerKey): String
- + get All Partners Info(): String
- + register Partner (String partnerKey, String partnerName, String partnerAddress): void
- + manage Product Notifications (String partnerKey, String productKey): void
- + get Buy Transactions (String partnerKey): String
- + get Sell Transactions (String partnerKey): String
- + get Transaction (String transactionKey): String
- + register Breakdown (String partnerKey, String productKey, int quantity): void
- + register Sale (String partnerKey, int maxPaymentDate, String productKey, int quantity): void
- + register Purchase (String partnerKey, String productKey, int price, int quantity): void
- + receive Sale Payment (String transactionKey): void
- + get Current Balance(): int
- + get Contabilistic Balance(): int

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Two Tenses e Sextas (13:00 - 14:30)

Warehouse

```
-_nextTransactionID : int
-_transactions : List < Transaction >
-_products : List < Product >
-_time : int
-_partners : List < Partner >
-_balance : int
-_Contabilistic Balance : int

+ get Current Balance () : int
+ advanceDays (int days) : void
+ importFile (String FileName) : void
+ get All Products () : String
+ get All Batches () : String
- order Batches (List < Batch >) : List < Batch >
+ get Batches By Product (String ProductKey) : String
+ get Batches By Partner (String PartnerKey) : String
+ get All Partners Info () : String
+ register Partner (String PartnerKey, String Partner Name, String Partner Address) : void
+ manage Product Notifications (String PartnerKey, String ProductKey) : void
+ get Buy Transactions (String PartnerKey) : String
+ get Sell Transactions (String PartnerKey) : String
+ get Transaction (int TransactionKey) : String
+ register Breckdown (String PartnerKey, String ProductKey, int quantity) : void
+ register Sale (String PartnerKey, int maxPaymentDate, String ProductKey, int quantity) : void
+ register Purchase (String PartnerKey, String ProductKey, int price, int quantity) : void
+ recieve Sale Payment (int transactionKey) : void
+ get Batches Below Limit (int value) : String
+ get Paid Transactions (String partnerKey) : String
```

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Turnos Terça e Sexta (13:00-14:30)

P.1 Product

- _batches : List < Batch >

- _key : String

+ breakdown : List < Product >

+ getBatchesBebwlimit (int value) : String

+

Derivative

- _revenue : List < Product >

+ produce () : Product

+ breakdown () : List < Product >

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Batch

- provider : Partner

- availableQuantity : int

- unitCost : int

+ deleteBatch() : void

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Partner

- _name: String
- _key: String
- _address: String
- _notifications: List < Notification >
- _points: int

+ manage Product Notifications (String partnerKey, String productKey): void

Notification

- _product: Product
- _interest: boolean

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Transaction

-_key : int

-_paymentDate: int

-_partner: Partner

-_product: Product

-_quantity: int

+register Breakdown (String partnerKey, String productKey, int quantity): void

+register Sale (String partnerKey, int maxPaymentDate, String productKey,
int quantity): void

+register Purchase (String partnerKey, String productKey, int price,
int quantity): void

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Purchase

- _unitCost : int
- _price : int

Sale

- _maxPaymentDate : int
- _paid : boolean

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