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Stone front

- filename: String

+ advanceOrder (inc: void): void

+ registerBox (id: String, price: int, cv: int, idsup: String, service: String): void

+ registerCustomer (id: String, price: int, cv: int, idsup: String, service: String, service: String): void

+ registerBook (id: String, price: String, author: String, ISBN: String, price: int, cv: int, idsup: String): void

+ changeProductPrice (id: String, price: int): void

+ getClient (id: String): String

+ get All Clients (): String

+ get count Notifications (id: String): String

+ registerClient (id: String, name: String, add: String): void

+ toggleClientProductNotifications (id: String, idprod: String): void

+ getClientTransactions (id: String): String

+ getSuppliers(): String

+ registerSupplier (id: String, name: String, add: String): void

+ toggleSupplierTransactions (id: String): void

+ get All Supplier Transactions (id: String): String

+ getTransaction (id: int): String

+ registerSale (idc: String, deadline: int, prodid: String, amount: int): void

+ registerOrder (suppid: String, prodid: String[], amount: int[]): void

+ paySale (id: String): void

+ showProductsWithPrice (limit: int): String

+ showPaidSales (clientid: String): String

+ get Available Balance (): int

+ get Accounting Balance (): int

+ setDate (): int

+ save (): void

+ saveAs (filename: String): void

+ load (filename: String): void

+ importFile (toFile: String): void

store

- num of Transactions : Int
- Available Balance : Int
- Accounting Balance : Int

- + addNewCode (inc: Int) : void
- + registerBox (id: String, price: Int, cur: Int, idSup: String, -service: String) : void
- + registerContainer (id: String, price: Int, cv: Int, idSup: String, -service: String, service: String) : void
- + registerBook (id: String, title: String, author: String, ISBN: String, price: Int, cv: Int, idSup: String) : void
- + getProductPrice (id: String) : Int
- + setProductPrice (id: String, price: Int) : void
- + getClient (id: String) : Client
- + getClientNotifications (id: String) : Collection <String>
- + registerClient (id: String, name: String, addr: String) : void
- + toggleClientProductNotification (id: String, idProd: String) : void
- + addProductStock (id: String, amount: Int) : void
- + removeProductStock (id: String, amount: Int) : void
- + getClientTransactions (id: Client) : Collection <Sale>
- + registerSupplier (id: String, name: String, addr: String) : void
- + toggleSupplierTransaction (id: String) : void
- + getSupplierTransactions (id: String) : Collection <Order>
- + getSupplier (id: String) : Supplier
- + getProduct (id: String) : Product
- + getTransaction (id: Int) : Transaction
- + registerSale (clientID: String, deadline: Int, prodID: String, amount: Int) : void
- + registerOrder (saleID: String) : void
- + addProductToOrder (order: Order, prodID: String, amount: Int) : void
- + getOrderPrice (o: Order) : void
- + updateSalePrice (s: Sale) : void
- + add to Available Balance (inc: Int) : void
- + add to Accounting Balance (inc: Int) : void
- + remove from Available Balance (dec: Int) : void
- + remove from Accounting Balance (dec: Int) : void
- + getProductAbovePrice (limit: Int) : Collection <Product>
- + getSalesPay (clientID: String) : Collection <Sale>
- + notifyClient (client: Client, msg: Notification) : void
- + deleteNotifications (client: Client) : void

Product
<ul style="list-style-type: none"> - _key: String - _price: Int - _level: Int - _stock: Int
+ addStock(inc: Int): void + removeStock(dec: Int): void

Container
<ul style="list-style-type: none"> - _service@: String - _periodPay: Int

Supplier
<ul style="list-style-type: none"> - name: String - addr: String - _level: boolean - key: String
+ enableSupplier(): void + disableSupplier(): void + orderHistory(): Collection<Order> + addOrder(o: Order): void

Order
<ul style="list-style-type: none"> - _totalPrice: Int
+ addToSupplier(): void + calculatePrice(): void + addProduct(Prod: NProduct): void

NProduct
<ul style="list-style-type: none"> - _numb: Int

Box
<ul style="list-style-type: none"> - _service: String - _periodPay: Int

Book
<ul style="list-style-type: none"> - _title: String - _author: String - _ISBN: String - _periodPay: Int

Client
<ul style="list-style-type: none"> - _name: String - _addr: String - _level: String - _key: String - _points: Int - _mutedProds: String[]
+ addSale(s: Sale): void + increasePoints(inc: Int): void + decreasePoints(dec: Int): void + purchaseHistory(): Collection<Sale> + addNotification(not: Notification): void + deleteNotification(): void + muteProd(id: Int): void + unmuteProd(id: Int): void

Transaction
<ul style="list-style-type: none"> - _id: Int - _paid: boolean
+ pay(): void + isPaid(): boolean

Notification
<ul style="list-style-type: none"> - prod: Product - description: String

Date
<ul style="list-style-type: none"> - _days: Int
+ increment(i: Int): void

Sale
<ul style="list-style-type: none"> - _price: Int - _priceToPay: Int
+ updatePrices(new: Int, ptoPay: Int)