Transaction

Warehouse

1 ―――― Warehouse ―――― 1

1 ―――― 1

ClientList
1

OrderList
1

ProductList
1

SupplierLi
1

Client
- clientFirstName: String
- clientLastName: String
- clientId: int
- balance: BigDecimal
- phoneNumber: string
- address: string
- transactions: TransactionList
- shoppingCart: productList
- invoices: InvoiceList

Order
- orderNum: int
- date: string
- clientId: int
- itemsOrdered: ProductList
- productQuantites: List<int>

Product
- productName: String
- productId: int
- productDescription: String
- productSalePrice: BigDecimal
- productPurchasePrice: BigDecimal
- supplierId: int
- currentStock: int
- waitListedOrders: OrderList

Supp
- supplierNam
- supplierId: in
- address: Str
- phone: String

Shi
- supplierId: in
- date: string
- itemsShippe
- productQuar

waitListedOrders

InvoiceList

Invoice
- clientId: int
- orderNumber: int
- productList: List<int>
- productQuantities: List<int>
- balanceDue: BigDecimal
- date: String

Transaction
- changeInBalance: BigDecimal
- clientId: int
- date: String
- transactionNumber: int

productQuantiites

ProductList

ProductQuantities

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┌──────────┐
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│ ed: list<int>      │
│ ntities: list<int> │
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          │ 1
┌────┐  ┌──────────────┐
│    │  │ itemsShipped │
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└────┘  └──────────────┘
```