

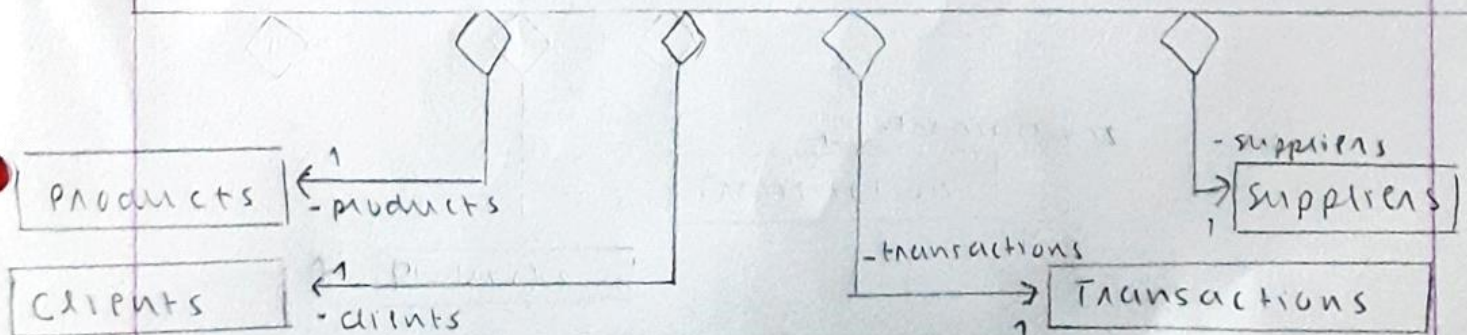
Stone

```

- date: int
- global Balance: float

+ registClient (id: string, name: string, address: string): void
+ RequestClient (clientId: string): client
+ RequestClientTransactions (clientId: string): Transaction[]
+ toggleProductNotifications (clientId: string, productId: string):
    boolean
+ Lookup Payments By Client (clientId: string): Transaction[]
+ Lookup Products Under Price (topPrice: int): Product[]
+ advance Date (numDays: int): void
+ change Price (productId: string, newPrice: int): void
+ registProductBook (id: int, title: string, author: string,
    ISBN: string, price: int, criticalValue: int, supplierId: string):
    void
+ registProductBox (id: int, price: int, criticalValue: int,
    supplierId: string, serviceType: string): void
+ registProductContainer (id: int, price: int, criticalValue: int,
    supplierId: string, serviceType: string, serviceLevel: string):
    void
+ registSupplier (id: string, name: string, address: string): void
+ requestSupplierTransactions (supplierId: string): Transaction[]
+ toggleTransaction (supplierId: string): boolean
+ pay Transaction (transactionId: int): void
+ registOrder (supplierId: string): int
+ add Element to Order (orderId: string, productId: string,
    amount: int): void
+ registSale (clientId: string, deadline: int, productId: string,
    amount: int): void
+ requestTransaction (transactionId: int): Transaction
importFile (txtFile: string): void

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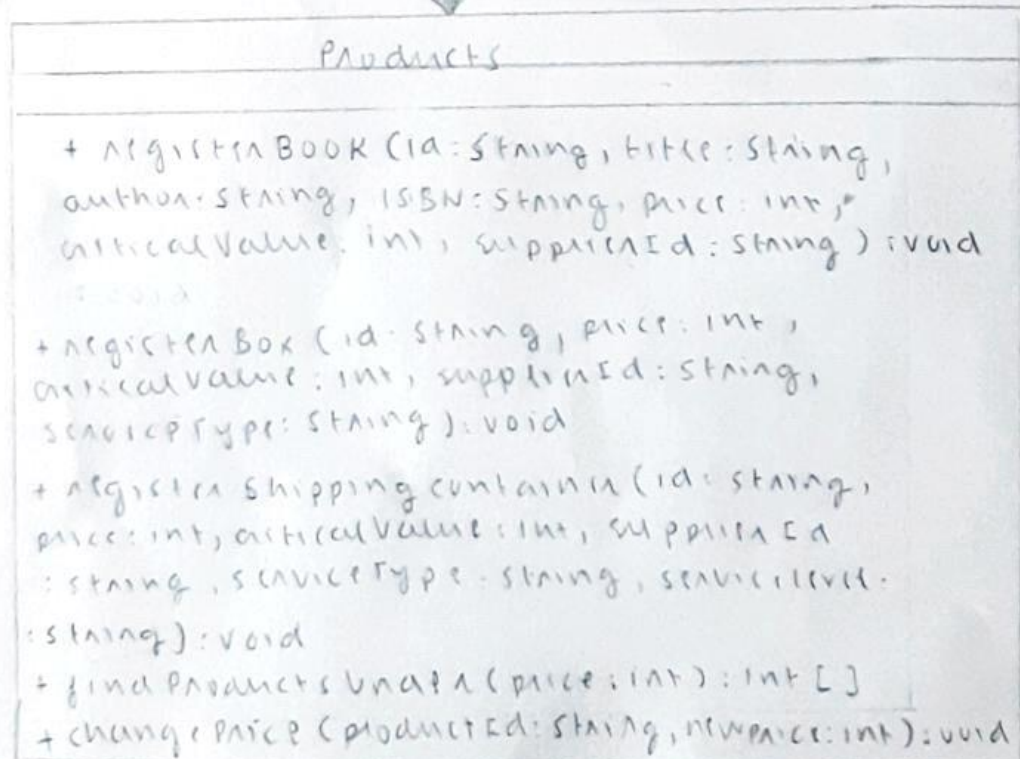
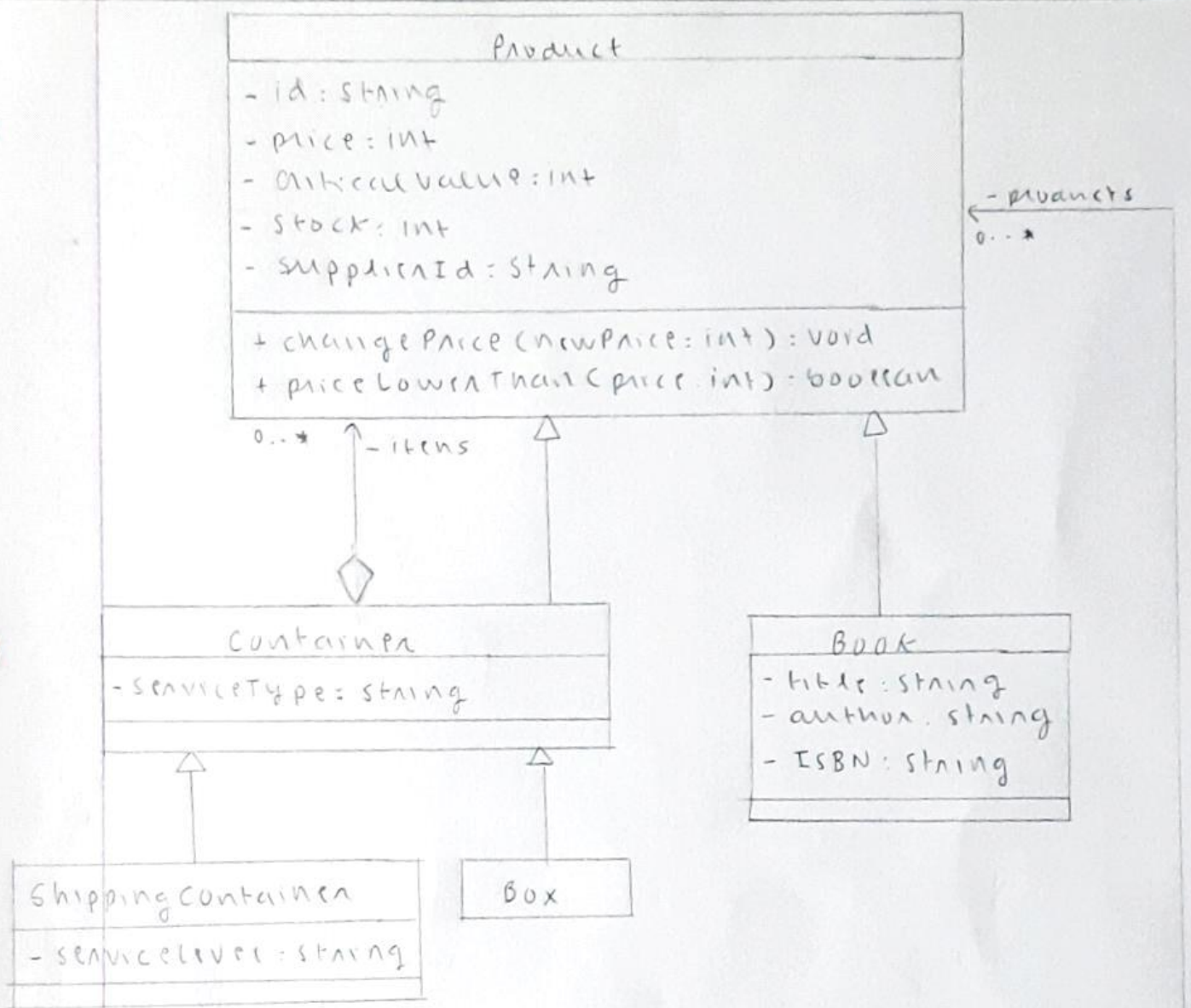
Storefront

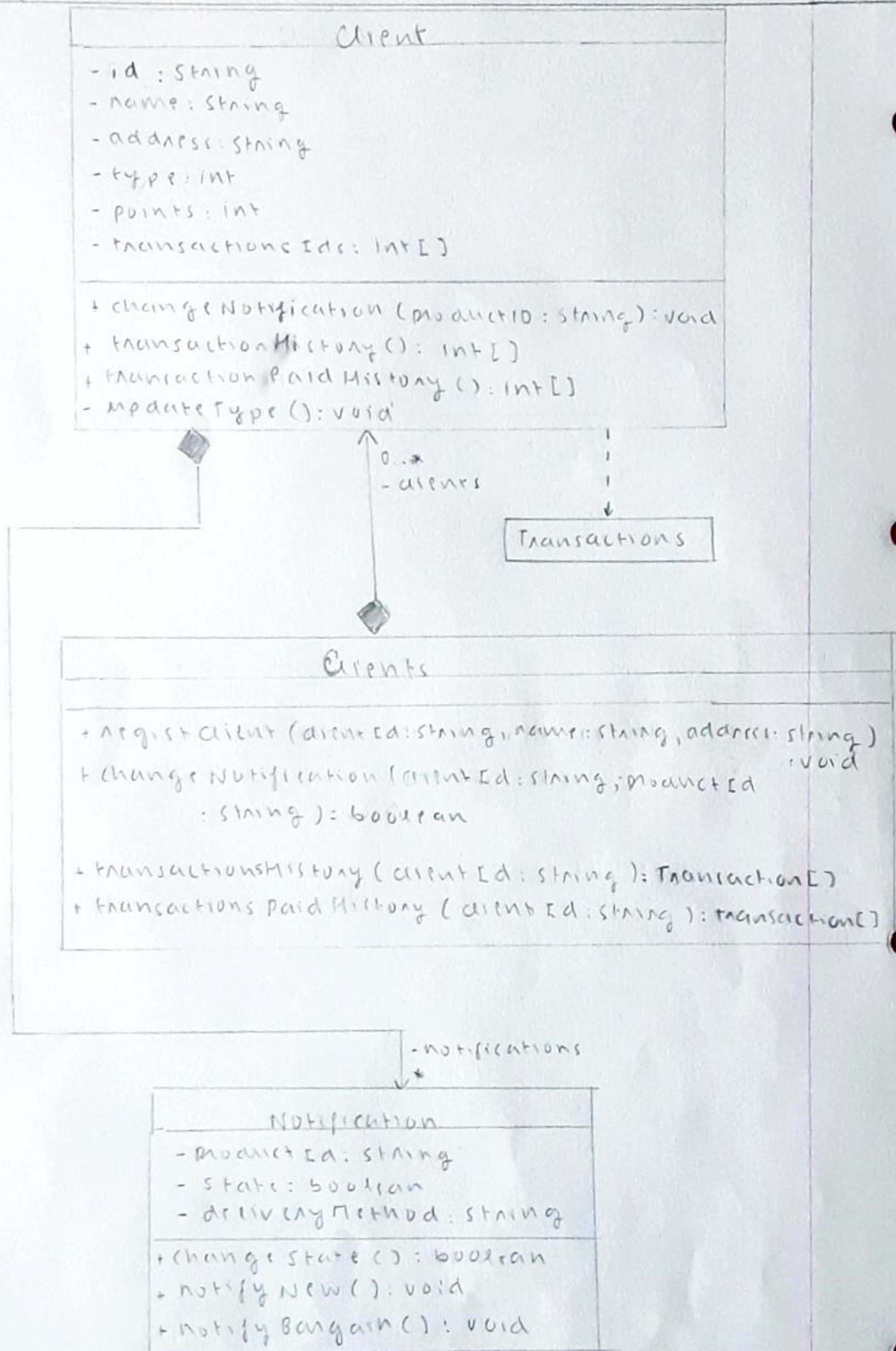
- filename: String

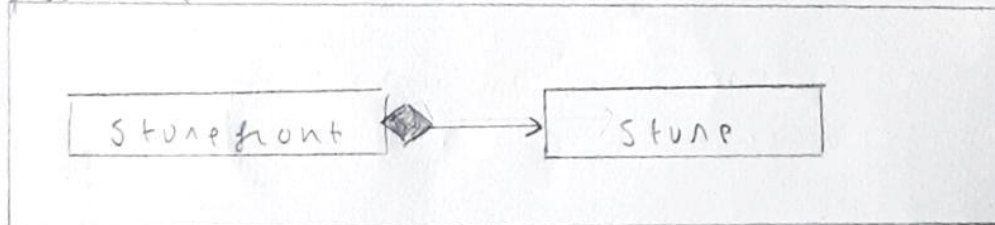
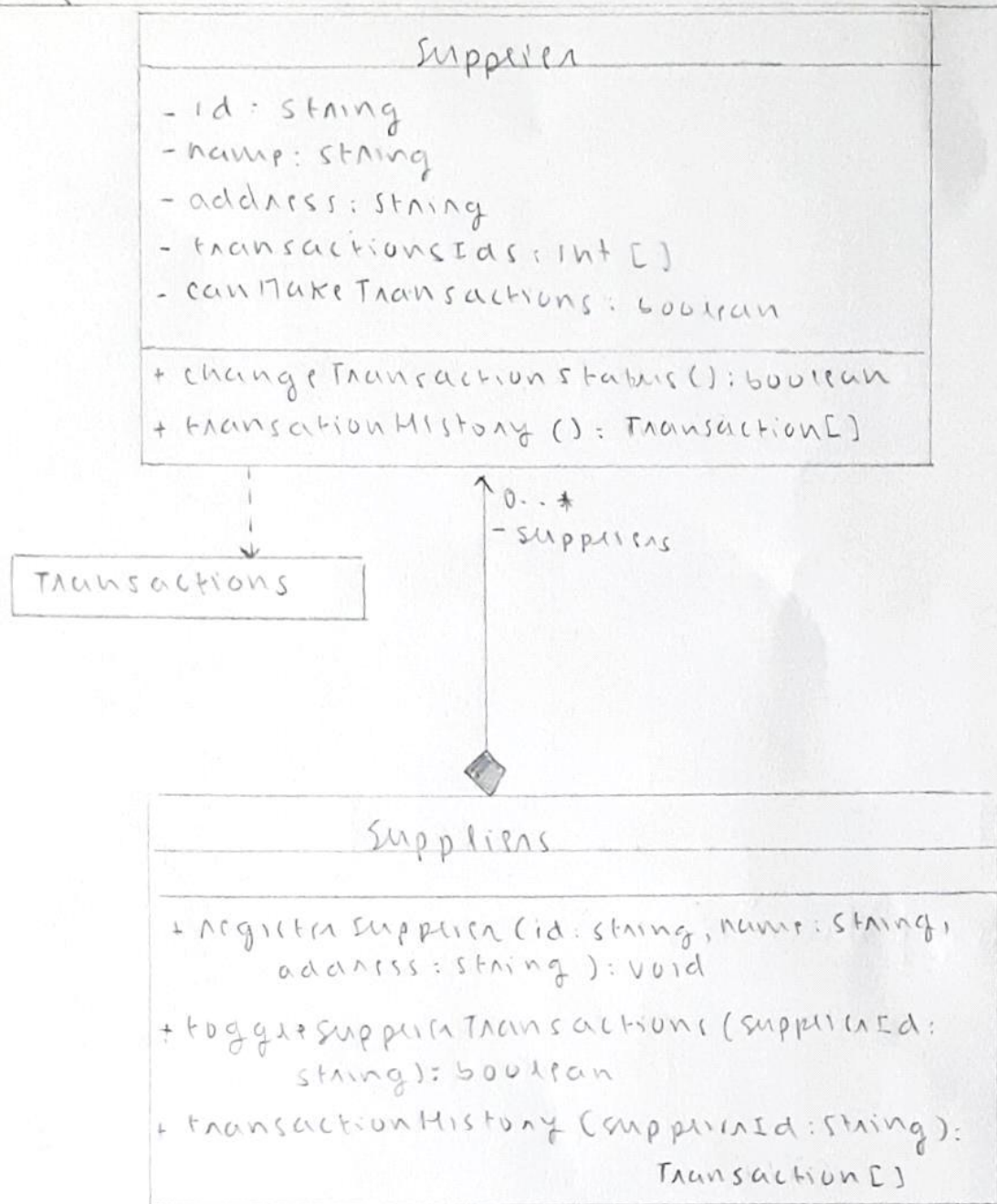
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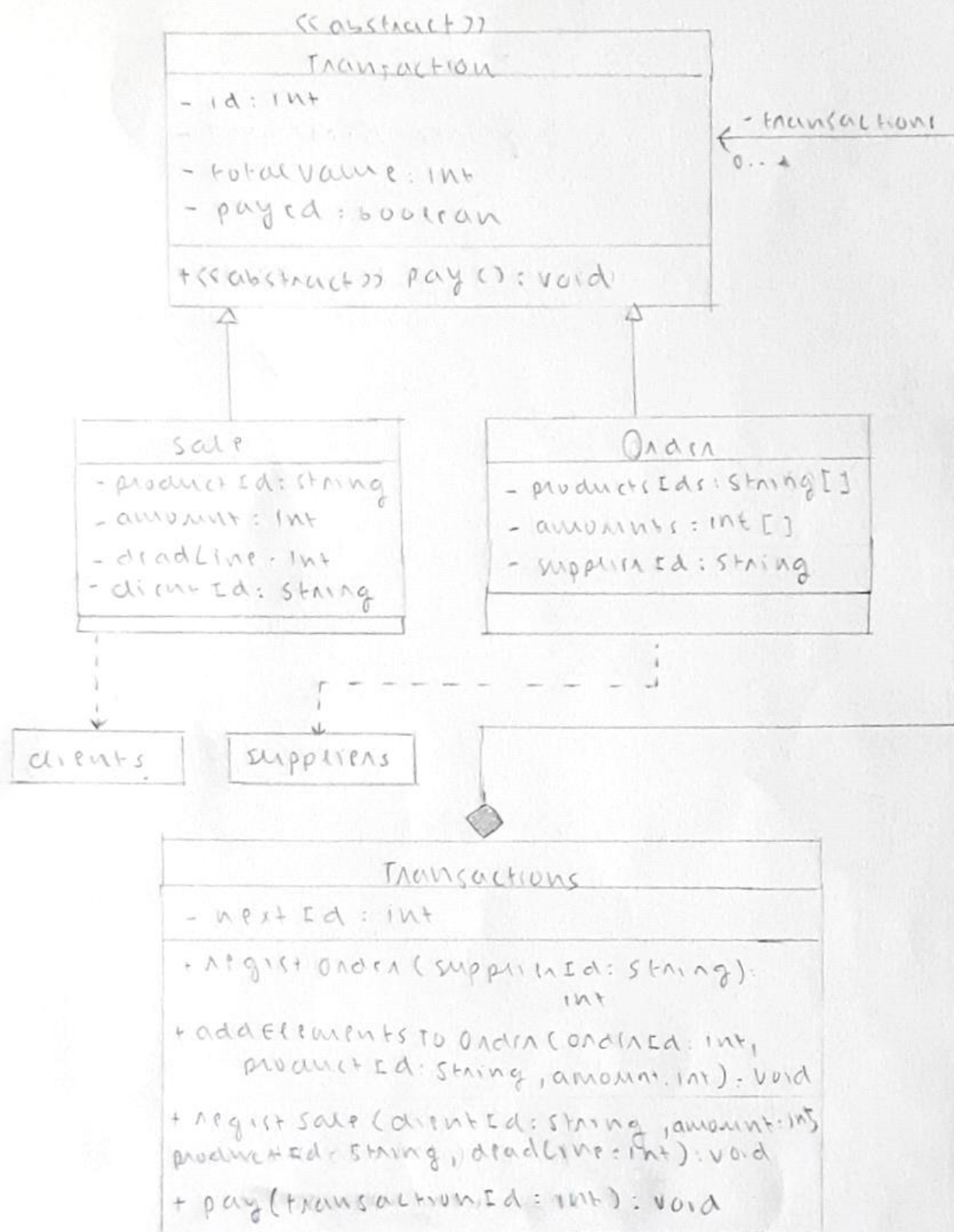
+ registClient(id: String, name: String, address: String): void
+ requestClients(): Client[]
+ requestClient(clientId: String): Client
+ requestClientTransactions(clientId: String): Transaction[]
+ toggleProductNotifications(clientId: String, productId: String): boolean
+ lookupPaymentsByClient(clientId: String): Transaction[]
+ lookupProductsUnderTopPrice(topPrice: Int): Product[]
+ advanceDate(numDays: Int): void
+ requestDate(): Int
+ load(filename: String): void
+ save(): void
+ saveAs(filename: String): void
+ requestGlobalBalance(): Int
+ changePrice(productId: String, newPrice: Int): void
+ registProductBook(id: String, title: String, author: String, ISBN: String, price: Int, criticalValue: Int, supplierId: String): void
+ registProductBox(id: String, price: Int, criticalValue: Int, supplierId: String, serviceType: String): void
+ registProductContainer(id: String, price: Int, criticalValue: Int, supplierId: String, serviceType: String, serviceLevel: String): void
+ registSupplier(id: String, name: String, address: String): void
+ requestAllProducts(): Products
+ requestSuppliers(): Suppliers
+ requestSupplierTransactions(supplierId: String): Transaction[]
+ toggleTransactions(supplierId: String): boolean
+ payTransaction(transactionId: Int): void
+ registOrder(supplierId: String): Int
+ addElementToOrder(orderId: Int, productId: String, amount: Int): void
+ registSale(clientId: String, deadline: Int, productId: String, amount: Int): void
+ requestTransaction(transactionId: Int): Transaction

```









Declaro por minha honra que este diagrama
foi redigido apenas por elementos que constituem
o grupo do projeto.

Tomás Tavares

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

João Ramalho