

SERVICE LAYER

SupplierService

```

+ openAccount(supplierNumber:int,supplierName:string,
    bankNumber:int,
    contacts<name,email>:Map<string,string>):Json

+ closeAccount(supplierNumber:int): json

+ updateAccount(supplierNumber:int,supplierName:string,
    bankNumber:int,payment,
    contacts<name,email>:Map<string,string>):Json

+ addDiscountOnProduct(supplierNumber :int,catalogNumber :int ,
    count:int,discout: double ): json

+ addDiscountOnAmount(supplierNumber :int, count:int,
    discount: double ): json

+ removeDiscountOnProduct(supplierNumber :int ,catalogNumber:int
    int count): json

+ removeDiscounOnAmuont(supplierNumber:int ,count:int): json
    
```

OrderService

```

+ createOrder ( supplierNumber: int):json

+ addProductToOrder ( supplierNumber : int , catalogNumber: int
    count: int ):json

+ finishOrder(orderId:int, isSupplierDeliver: boolean):json
    
```

ProductService

```

+ addProduct(supplierNumber :int, catalogNumber: int,
    name:string, price:int): json

+ updateProduct(supplierNumber :int, catalogNumber: int,
    name:string, price:int): json

+ removeProduct(supplierNumber:int,catalogNumber:int):json
    
```

DeliveryService

```

+ updateFixedDeliveryDays(orderId:int,
    daysInWeek:string[]):json

+ stopFixedDeliveryDays(orderId:int):json
    
```

Domain Logic

SupplierControler

```

+ openAccount(supplierNumber:int,supplierName:string,
    bankNumber:int,
    contacts<name,email>:Map<string,string>):boolean

+ closeAccount(supplierNumber:int): boolean
    
```

Product

```

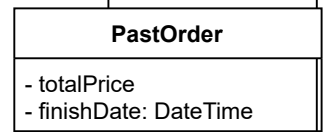
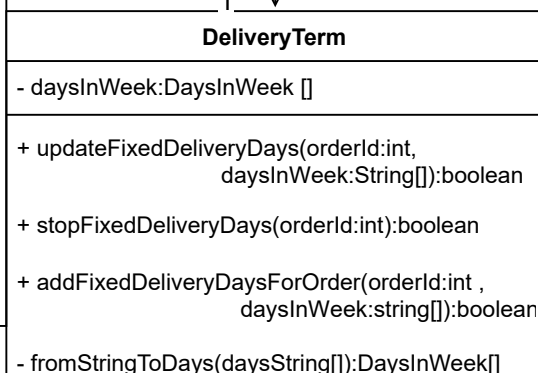
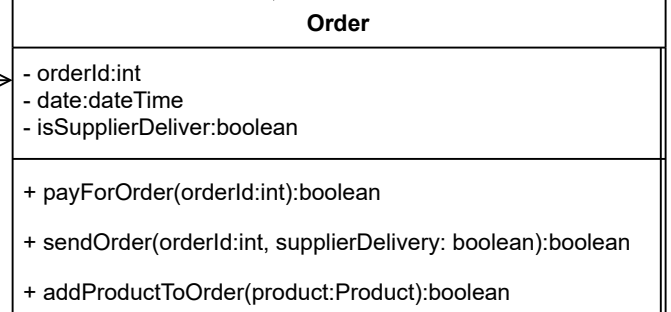
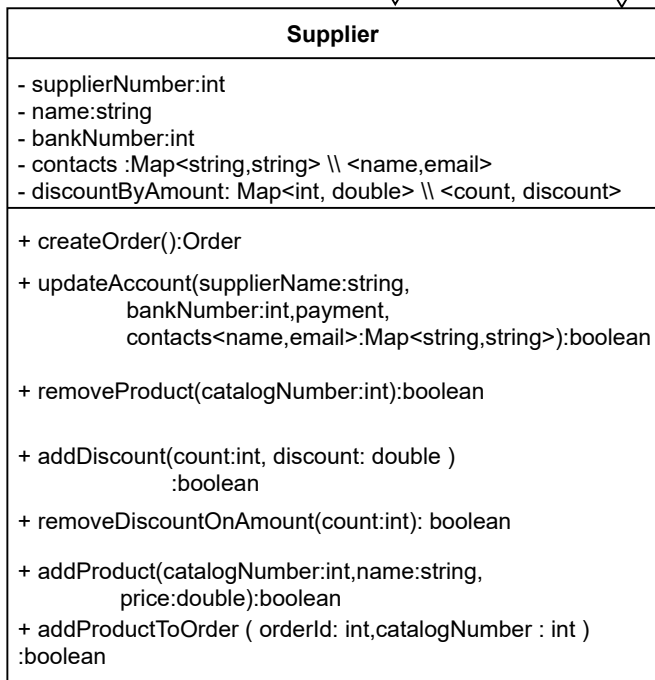
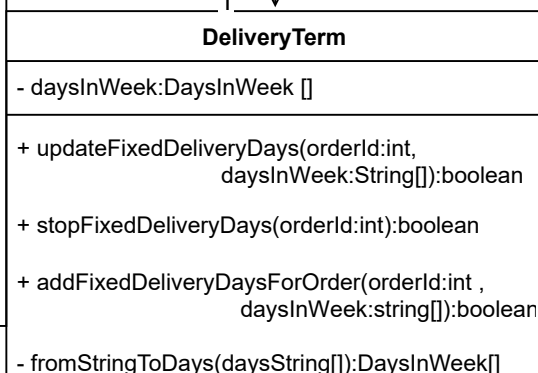
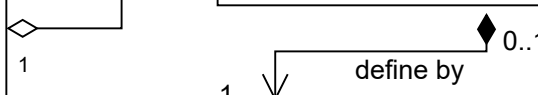
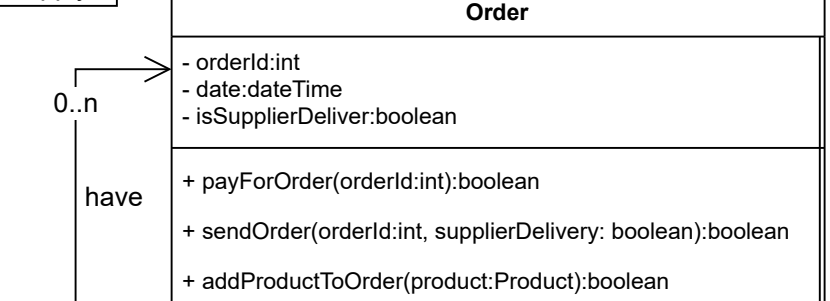
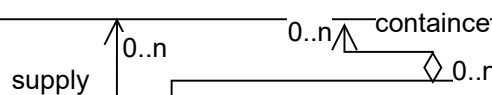
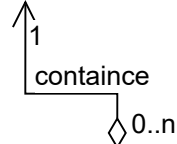
- catalogNumber: int
- name:string
- price: int
- discount: Map<int, double> \\

```

<<enum>> DaysInWeek

```

Sunday
monday
Tuesday
Wednesday
Thursday
Friday
Saturday
    
```



Presistance Layer

Manu
+ field: type
+ initialMenu():void
+ loadInitialData(): void

ProductMenu
+ field: type
+ method(type): type

Product
- catalogNumber: int
- name:string
- price: int

SupplierMenu
+ field: type
+ chooseSupplierMenu(): void
+ inSupplierMenu(supplierNumber: int): void
- addDiscountMenu(supplierNumber: int): void
- seeSupplierDetails(s: Supplier): void
- updateSupplierDetails(s: Supplier): void
- openNewAccountSupplie(): void

OrderMenu
+ field: type
+ newOrder(): void
+ watchOrdersMenu(): void
- addProductsToOrder(Order o): void
- watchFixedDaysOrders(): void
- watchWaitOrders(): void
- updateOrderMenu(orderId: int): void
- updateProductInOrder(orderId: int): void
- watchProductInOrder(orderId: int): void

Order
- orderId:int
- date:dateTime
- isSupplierDeliver:boolean

Supplier
- supplierNumber:int
- name:string
- bankNumber:int
- contacts :Map<string,string> \ \ <na

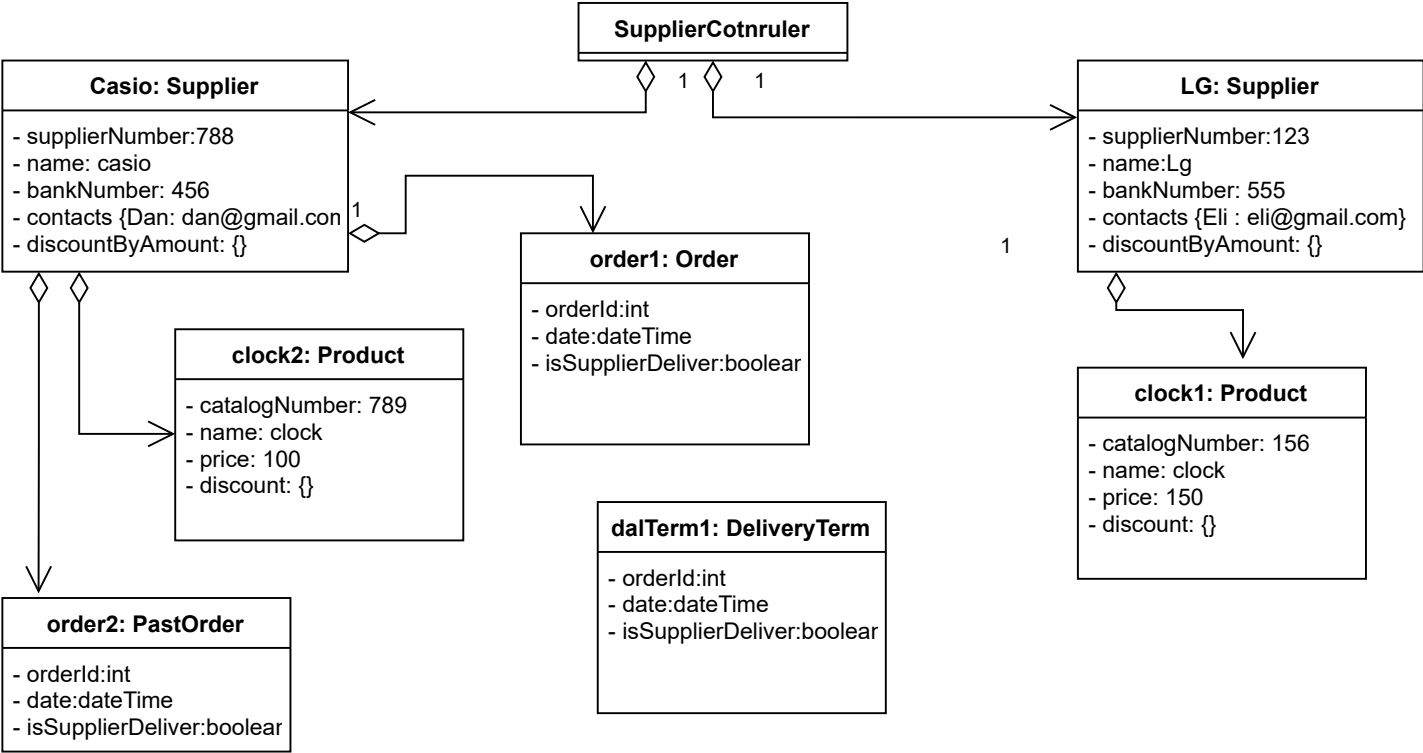
SERVICE LAYER

SupplierService
+ openAccount(supplierNumber:int,supplierName:string, bankNumber:int, contacts<name,email>:Map<string,string>):Json
+ closeAccount(supplierNumber:int): json
+ updateAccount(supplierNumber:int,supplierName:string, bankNumber:int,payment, contacts<name,email>:Map<string,string>):Json
+ addDiscountOnProduct(supplierNumber :int,catalogNumber :int , count:int,discount: double): json
+ addDiscountOnAmount(supplierNumber :int, count:int, discount: double): json
+ removeDiscountOnProduct(supplierNumber :int ,catalogNumber:int int count): json
+ removeDiscounOnAmuont(supplierNumber:int ,count:int): json

OrderService
+ createOrder (supplierNumber: int):json
+ addProductToOrder (supplierNumber : int , catalogNumber: int count: int):json
+ finishOrder(orderId:int, isSupplierDeliver: boolean):json

ProductService
+ addProduct(supplierNumber :int, catalogNumber: int, name:string, price:int): json
+ updateProduct(supplierNumber :int, catalogNumber: int, name:string, price:int): json
+ removeProduct(supplierNumber:int,catalogNumber:int):json

DeliveryService
+ updateFixedDeliveryDays(orderId:int, daysInWeek:string[]):json
+ stopFixedDeliveryDays(orderId:int):json



ss1: SupplierService

os1: OrderService

ds: DeliceryService

ps1: ProductService

m1: Menu

- orderId:int
- date:dateTime
- isSupplierDeliver:boolear

sm1: SupplierMenu

- orderId:int
- date:dateTime
- isSupplierDeliver:boolear

om1: OrderMenu

- orderId:int
- date:dateTime
- isSupplierDeliver:boolear

pm1: ProductMenu

- orderId:int
- date:dateTime
- isSupplierDeliver:boolear

order1: Order(Ui)

- orderId:int
- date:dateTime
- isSupplierDeliver:boolear

Casio: Supplier(Ui)

- supplierNumber:788
- name: casio
- bankNumber: 456
- contacts {Dan: dan@gmail.con
- discountByAmount: {}

clock2: Product(Ui)

- catalogNumber: 789
- name: clock
- price: 100
- discount: {}