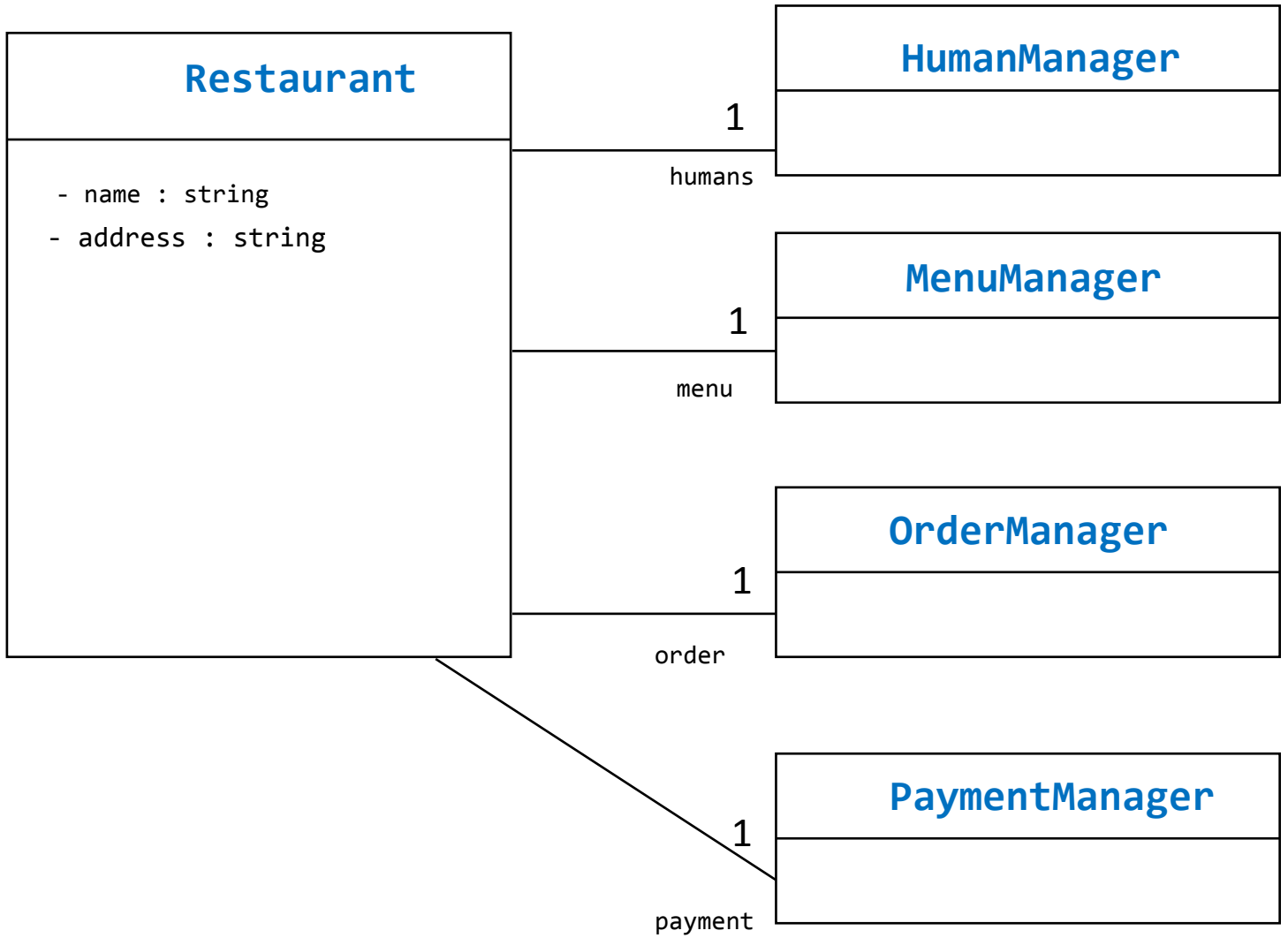
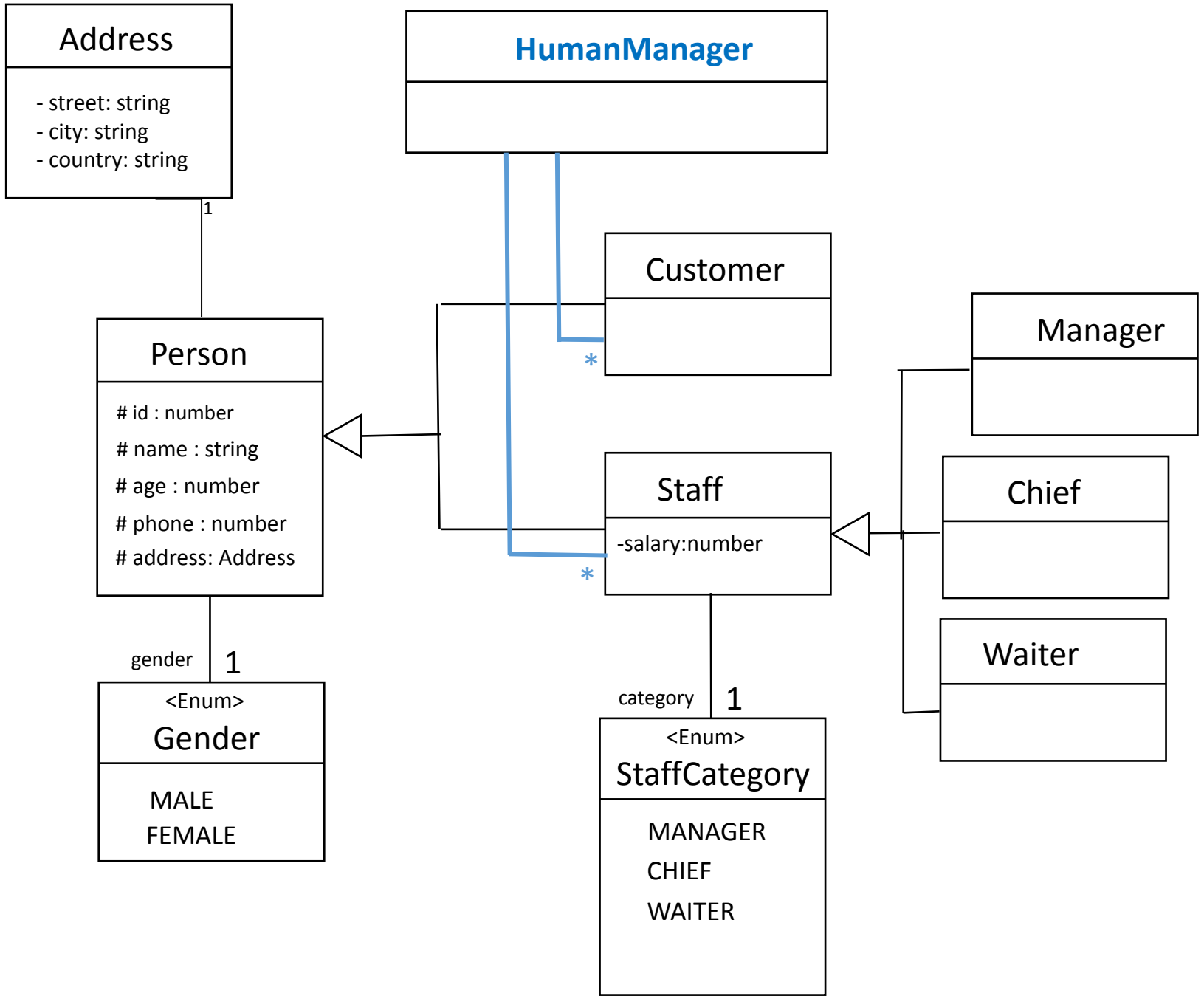
UML CLASS DIAGRAMM

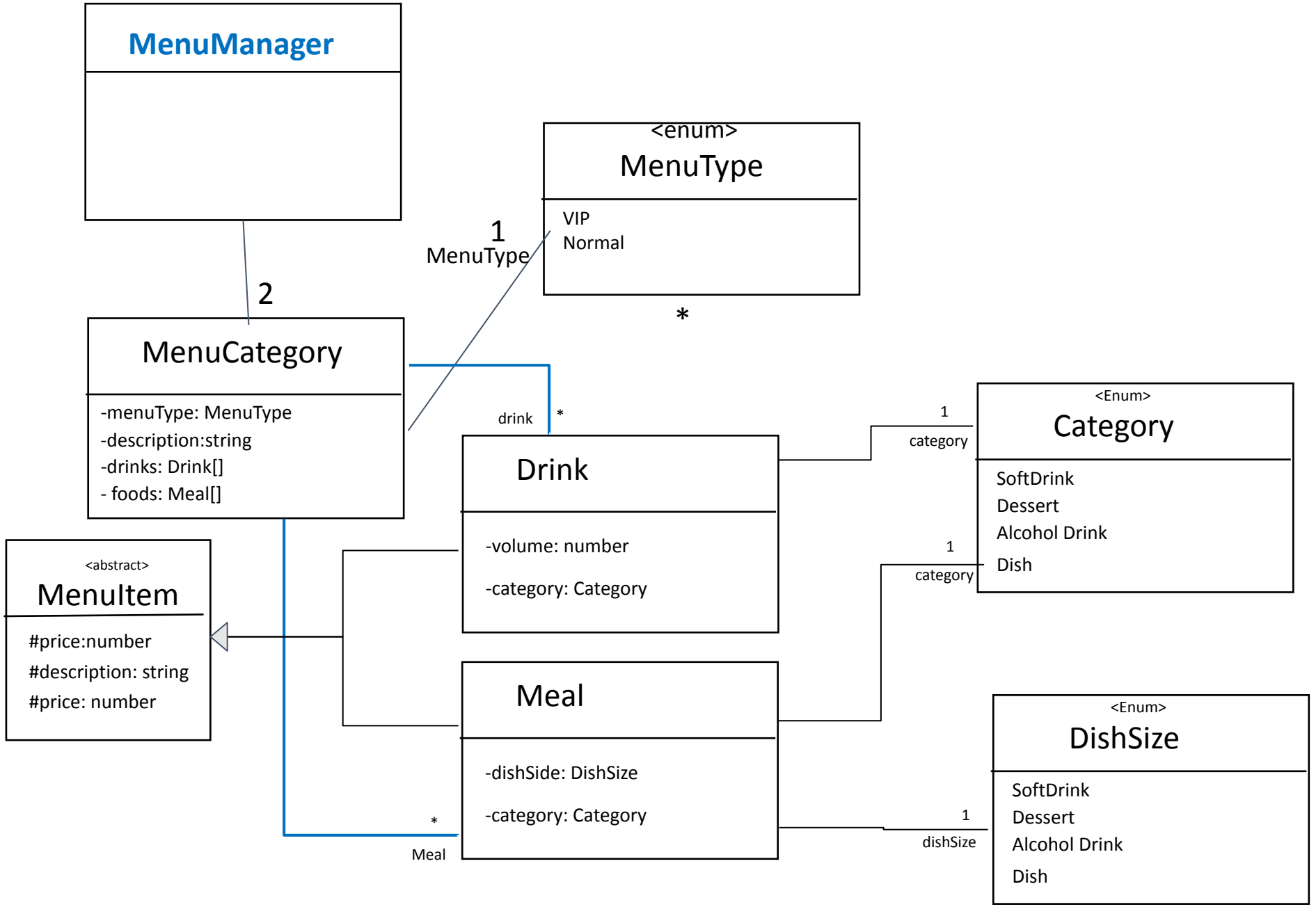
GLOBAL


Restaurant
- name : string
- address : string
HumanManager
1
humans
MenuManager
1
menu
OrderManager
1
order
PaymentManager
1
payment

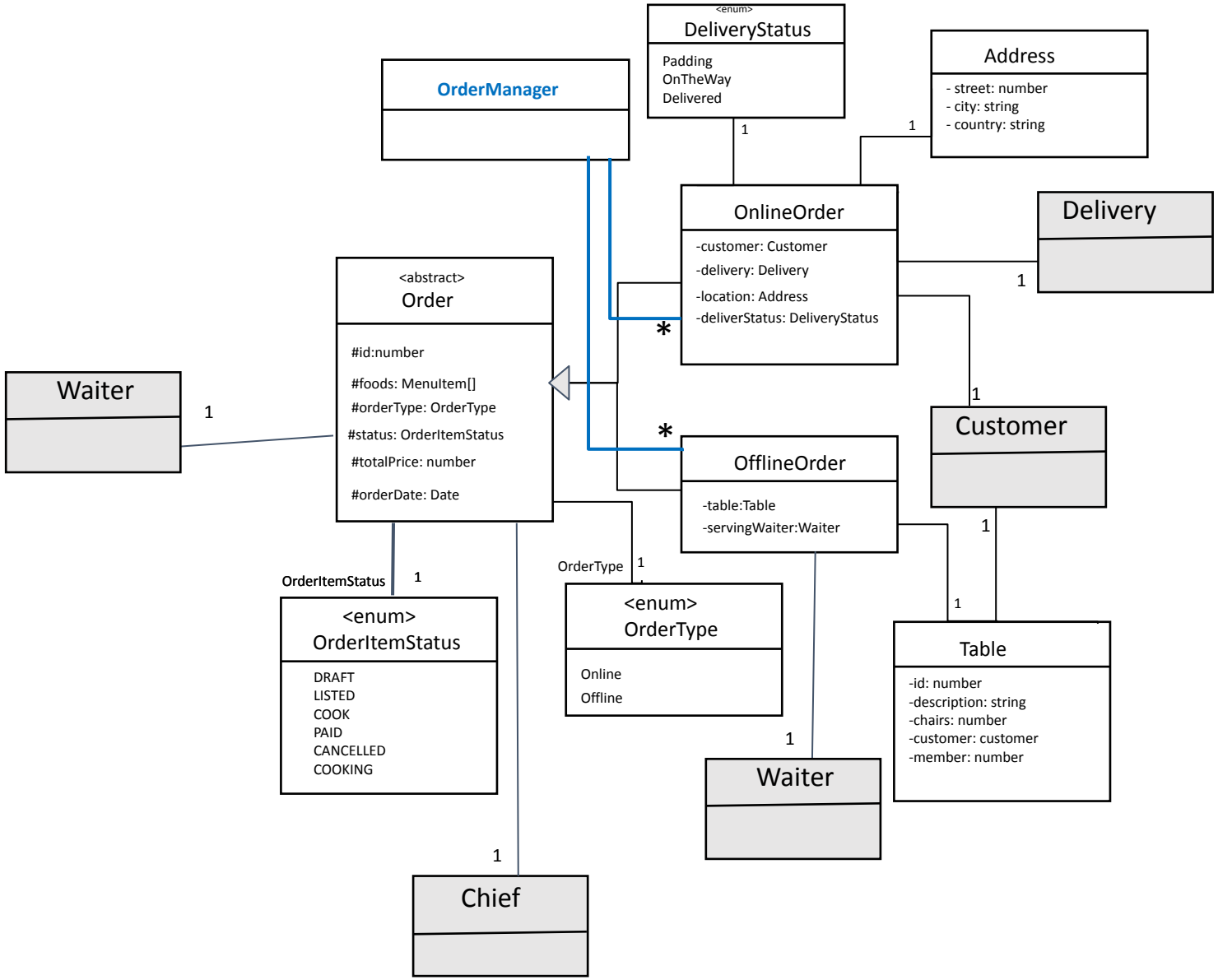
Human


Address
- street: string
- city: string
- country: string
1
HumanManager
Customer
*
Person
id : number
name : string
age : number
phone : number
address: Address
Manager
Staff
-salary:number
*
Chief
Waiter
gender
1
<Enum>
Gender
MALE
FEMALE
category
1
<Enum>
StaffCategory
MANAGER
CHIEF
WAITER

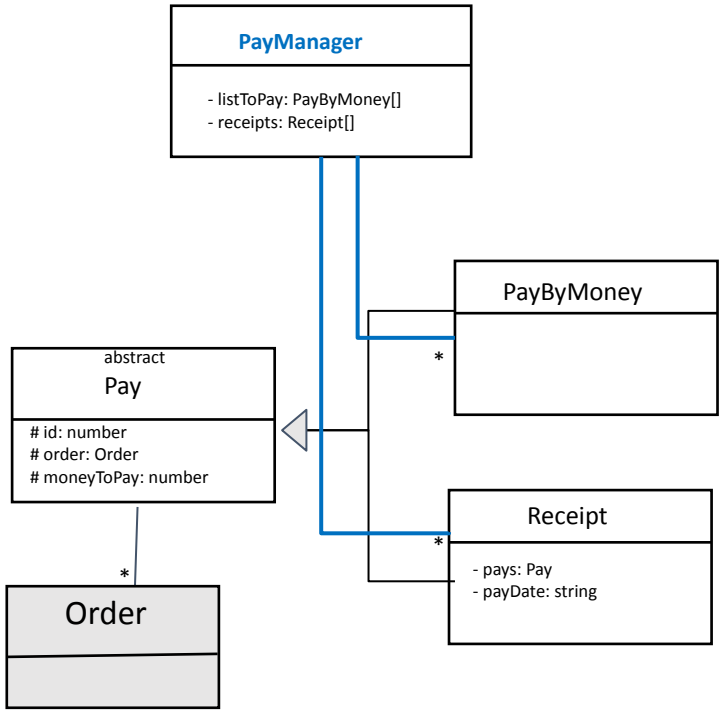
Menu


MenuManager
<enum>
MenuType
VIP
Normal
1
MenuType
*
2
MenuCategory
-menuType: MenuType
-description:string
-drinks: Drink[]
- foods: Meal[]
drink
*
Drink
-volume: number
-category: Category
1
category
<Enum>
Category
SoftDrink
Dessert
Alcohol Drink
Dish
1
category
<abstract>
MenuItem
#price:number
#description: string
#price: number
Meal
-dishSide: DishSize
-category: Category
*
Meal
1
dishSize
<Enum>
DishSize
SoftDrink
Dessert
Alcohol Drink
Dish

Order


<enum>
DeliveryStatus
Padding
OnTheWay
Delivered
Address
- street: number
- city: string
- country: string
OrderManager
OnlineOrder
-customer: Customer
-delivery: Delivery
-location: Address
-deliverStatus: DeliveryStatus
Delivery
<abstract>
Order
#id:number
#foods: MenuItem[]
#orderType: OrderType
#status: OrderItemStatus
#totalPrice: number
#orderDate: Date
Waiter
OfflineOrder
-table:Table
-servingWaiter:Waiter
Customer
OrderItemStatus
<enum>
OrderItemStatus
DRAFT
LISTED
COOK
PAID
CANCELLED
COOKING
OrderType
<enum>
OrderType
Online
Offline
Table
-id: number
-description: string
-chairs: number
-customer: customer
-member: number
Waiter
Chief
1
*

Payment


PayManager
- listToPay: PayByMoney[]
- receipts: Receipt[]
PayByMoney
*
abstract
Pay
id: number
order: Order
moneyToPay: number
Receipt
*
- pays: Pay
- payDate: string
*
Order