Client «entity»
+ ! @ nif : String
+ ! name: String
+ ! surname: String
+ ! email: String
+ ! phone: String
+ ! address: Address

PaymentMean «entity» {abstract}
+ * accumulated: Money = 0.0
+ charge(amount :Money) : void
+ canBeCharged() : boolean {abstract}

Charge «entity»
+ *! amount: Money

Invoice «entity»
+ *!@ number: long
+ *! date: Date
+ * amount: Money
+ * vat: double
+ * state: InvoiceSate = NOT_YET_PAID
- computeAmount() : void
+ addWorkOrder(wo :WorkOrder) : void
+ removeWorkOrder(wo :WorkOrder) : void
+ settle() : void
+ isSettled() : boolean

CreditCard «entity»
+ *!@ number: String
+ *! type: String
+ *! validThru: Date

Cash «entity»
+ !>@ client: Client

constraints
{Just One per Client}

Voucher «entity»
+ *!@ code: String
+ *! description: String
+ *! available: Money

WorkOrderState «enumeration» «enum»
OPEN
ASSIGNED
FINISHED
INVOICED

InvoiceSate «enumeration» «enum»
NOT_YET_PAID
PAID

Address «ValueType»
+ * street String
+ * city: String
+ * zipcode: String

Money «ValueType»
+ * amount: long
+ * currency: Currency

Mechanic «entity»
+ !@ nif: String
+ ! name: String
+ ! surname: String

Substitution «entity»
+ *! quantity: int
+/ * amount: Money

Intervention «entity»
+ *!>@ mechanic: Mechanic
+ *!>@ workOrder: WorkOrder
+ *!@ date: Timestamp
+ * minutes: int
+/ * amount: Money

SparePart «entity»
+ !@ code: String
+ ! description: String
+ ! price: Money

WorkOrder «entity»
+ *!@ date: Timestamp
+ *!>@ vehicle: Vehicle
+ ! description: String
+ * amount: Money
+ * state: WorkOrderState = OPEN
+ assignTo(m :Mechanic) : void
+ unassign() : void
+ markAsFinished() : void
+ markAsInvoiced() : void
+ markBackToFinished() : void
+ reopen() : void
+ isAssigned() : boolean
+ isFinished() : boolean
+ isInvoiced() : boolean
+ isOpen() : boolean

Vehicle «entity»
+ !@ plateNumber: String
+ ! make: String
+ ! model: String

VehicleType «entity»
+ !@ name: String
+ ! pricePerHour: Money

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