ui

Main

- sc: Scanner

+ Main()
+ main(String[] args): void
+ mainMenu(): int
+ executeOption(int): void
+ registerVeterinarian(): void
+ deleteVeterinarian: void
+ registerPet(): void
+ retirePet(): void
+ deletePet(): void
+ registerOwner(): void
+ deleteOwner(): void
+ startConsultation(): void
+ endConsultation(): void
+ closingReports(): void

center

model

0..1

PetCenter

+ MAX_PETS: int = 120
+ MAX_VETS: int = 7
- totalPets: int
- totalVets: int
- totalOwners: int
- totalAttended: int

+ PetCenter()
+ getTotalPets(): int
+ setTotalPets(int): void
+ getTotalVets(): int
+ setTotalVets(int): void
+ getTotalOwners(): int
+ setTotalOwners(int): void
+ getTotalAttended(): int
+ setTotalAttended(int): void
+ addVeterinarian(String,String, String, int, String): void
+ eraseVeterinarian(String): void
+ printAllVeterinarians(): void
+ addPet(String, String, int, String, String, Priority, Status, String, String, String, String, String): void
+ repeatedPet(String): boolean
+ retireThisPet(String): void
+ erasePet(String): void
+ printAllPets(): void
+ addOwner(String, String, String, String): void
+ ownerExists(String): boolean
+ repeatedOwner(String): boolean
+ eraseOwner(String): void
+ printAllOwner(): void
+ newConsultation(String, String, Status): void
+ finishConsultation(String, String, String): void
+ attentionPending(): int
+ nextAttendant(): int
+ mostAttended(): int
+ petsPerPriority(): void
+ unattendedPercentage(): double
+ resetPets(): void

pets

veterinarians

<<Enum>>
Priority

RED_1
ORANGE_2
YELLOW_3
GREEN_4
BLUE_5

0..1 priority

0..120

Pet

- species: String
- petName: String
- age: int
- breed: String
- symptoms: String
- attendedById: String

+ Pet(String, String, int, String, String, Priority, Status, Owner, String, Veterinarian)
+ getSpecies(): String
+ setSpecies(String): void
+ getPetName(): String
+ setPetName(String): void
+ getAge(): int
+ setAge(int): void
+ getBreed(): String
+ setBreed(String): void
+ getSymptoms(): String
+ item: attribute
+ setSymptoms(String): void
+ getPriority(): Priority
+ setPriority(Priority): void
+ getStatus(): Status
+ serStatus(Priority): void
+ getOwnedBy(): Owner
+ setOwnedBy(Owner): void
+ getAttendedBy(): Veterinarian
+ setAttendedBy(Veterinarian): void
+ getAttendedById(): String
+ setAttendedById(String): void
+ toString(): String

<<Enum>>
Status

WAITING
CONSULTING
TRANSFER
AUTHORIZED
UNATTENDED

0..1 status

ownedBy

0..1

Owner

- idNumber: String
- fullName: String
- phone: String
- address: String

+ Owner(String, String, String, String)
+ getIdNumber(): String
+ setIdNumber(String): void
+ getFullName(): String
+ setFullName(String): void
+getPhone(): String
+ setPhone(String): void
+ getAddress(): String
+ setString(String): void
+ toString(): String

0..1

0..1

0..120 owners

attends

attendedBy

0..7

Veterinarian

- idNumber: String
- fullName: String
- registerNumber: String
- attendedPets: int
- attendingNow: String

+ Veternarian(String, String, String, int, String, Pet)
+ getIdNumber(): String
+ setIdNumber(String): void
+ getFullName(): String
+ setFullName(String): void
+ getRegisterNumber(): String
+ setRegisterNumber(String): void
+ getAttendedPets(): String
+ setAttendedPets(String): void
+ getAttendingNow(): String
+ setAttendingNow(String): void
+ getAttends(): Pet
+ setAttends(Pet): void
+ toString(): String