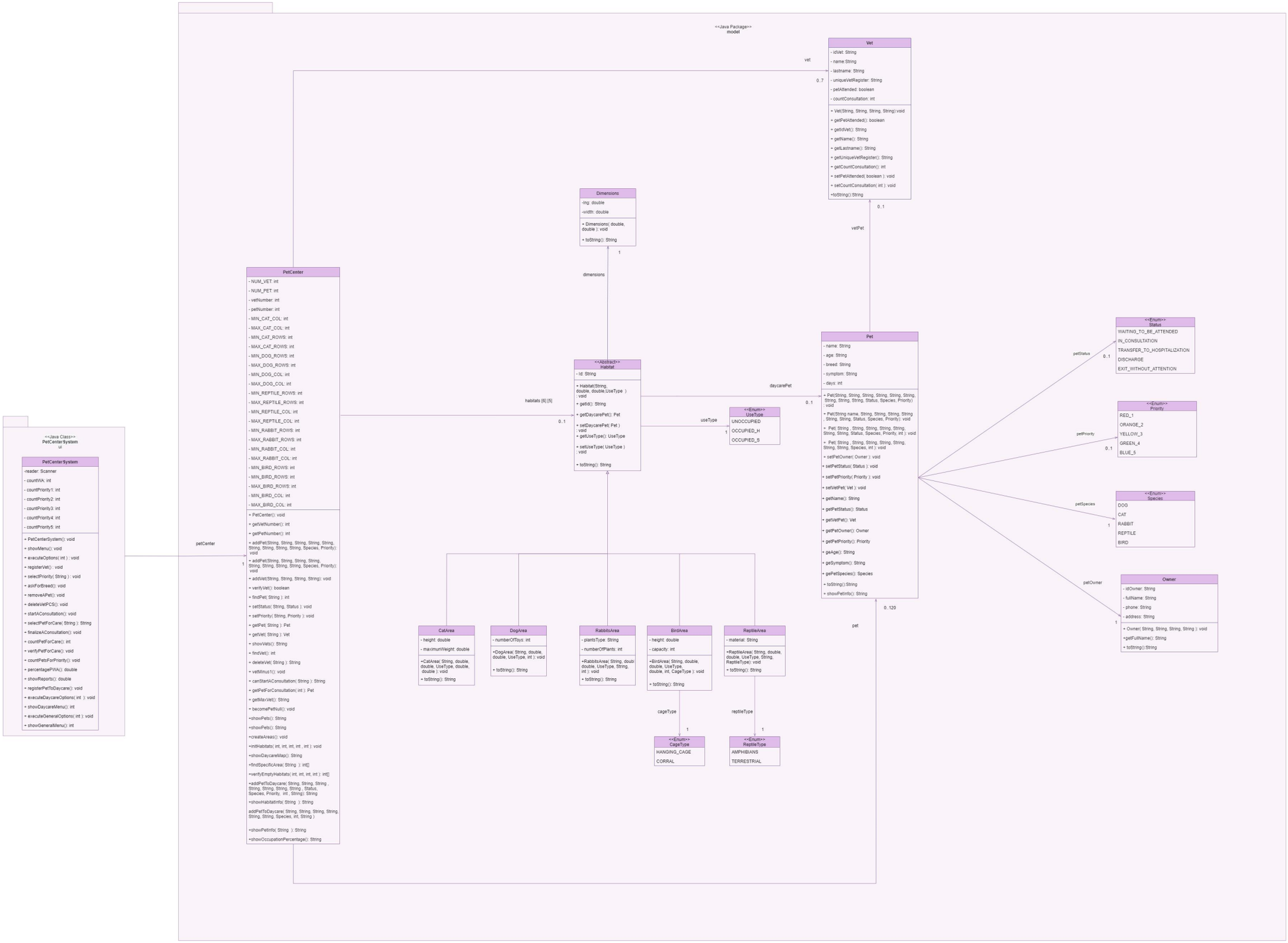
<<Java Package>>
model
Vet
- idVet: String
- name:String
- lastname: String
- uniqueVetRegister: String
- petAttended: boolean
- countConsultation: int
+ Vet(String, String, String, String):void
+ getPetAttended(): boolean
+ getidVet(): String
+ getName(): String
+ getLastname(): String
+ getUniqueVetRegister(): String
+ getCountConsultation(): int
+ setPetAttended(boolean): void
+ setCountConsultation(int): void
+toString(): String
vet
0..7
0..1
vetPet
Dimensions
-lng: double
-width: double
+ Dimensions(double, double): void
+ toString(): String
1
dimensions
PetCenter
- NUM_VET: int
- NUM_PET: int
- vetNumber: int
- petNumber: int
- MIN_CAT_COL: int
- MAX_CAT_COL: int
- MIN_CAT_ROWS: int
- MAX_CAT_ROWS: int
- MIN_DOG_ROWS: int
- MAX_DOG_ROWS: int
- MIN_DOG_COL: int
- MAX_DOG_COL: int
- MIN_REPTILE_ROWS: int
- MAX_REPTILE_ROWS: int
- MIN_REPTILE_COL: int
- MAX_REPTILE_COL: int
- MIN_RABBIT_ROWS: int
- MAX_RABBIT_ROWS: int
- MIN_RABBIT_COL: int
- MAX_RABBIT_COL: int
- MIN_BIRD_ROWS: int
- MIN_BIRD_ROWS: int
- MAX_BIRD_ROWS: int
- MIN_BIRD_COL: int
- MAX_BIRD_COL: int
+ PetCenter(): void
+ getVetNumber(): int
+ getPetNumber(): int
+ addPet(String, String, String, String, String, String, String, String, String, Species, Priority): void
+ addPet(String, String, String, String, String, String, String, String, String, Species, Priority): void
+ addVet(String, String, String, String): void
+ verifyVet(): boolean
+ findPet(String): int
+ setStatus(String, Status): void
+ setPriority(String, Priority): void
+ getPet(String): Pet
+ getVet(String): Vet
+ showVets(): String
+ findVet(): int
+ deleteVet(String): String
+ vetMinus1(): void
+ canStartAConsultation(String): String
+ getPetForConsultation(int): Pet
+ getMaxVet(): String
+ becomePetNull(): void
+showPets(): String
+showPets(): String
+createAreas(): void
+initHabitats(int, int, int, int , int): void
+showDaycareMap(): String
+findSpecificArea(String): int[]
+verifyEmptyHabitats(int, int, int, int): int[]
+addPetToDaycare(String, String, String , String, String, String, String, String , Status, Species, Priority, int , String): String
+showHabitatInfo(String): String
addPetToDaycare(String, String, String, String, String, String, Species, int, String)
+showPetInfo(String): String
+showOccupationPercentage(): String
habitats [6] [5]
0..1
<<Abstract>>
Habitat
- id: String
+ Habitat(String, double, double,UseType) : void
+ getId(): String
+ getDaycarePet(): Pet
+ setDaycarePet(Pet) : void
+ getUseType(): UseType
+ setUseType(UseType) : void
+ toString(): String
useType
1
<<Enum>>
UseType
UNOCCUPIED
OCCUPIED_H
OCCUPIED_S
daycarePet
0..1
Pet
- name: String
- age: String
- breed: String
- symptom: String
- days: int
+ Pet(String, String, String, String, String, String, String, String, String, Status, Species, Priority) : void
+ Pet(String name, String, String, String, String , String, String, Status, Species, Priority): void
+ Pet(String , String, String, String, String, String, String, String, Status, Species, Priority, int): void
+ Pet(String , String, String, String, String, String, String, Species, int): void
+ setPetOwner(Owner): void
+ setPetStatus(Status): void
+ setPetPriority(Priority): void
+ setVetPet(Vet): void
+ getName(): String
+ getPetStatus(): Status
+ getVetPet(): Vet
+ getPetOwner(): Owner
+ getPetPriority(): Priority
+ geAge(): String
+ geSymptom(): String
+ gePetSpecies(): Species
+ toString():String
+ showPetInfo(): String
petStatus
0..1
<<Enum>>
Status
WAITING_TO_BE_ATTENDED
IN_CONSULTATION
TRANSFER_TO_HOSPITALIZATION
DISCHARGE
EXIT_WITHOUT_ATTENTION
petPriority
0..1
<<Enum>>
Priority
RED_1
ORANGE_2
YELLOW_3
GREEN_4
BLUE_5
petSpecies
1
<<Enum>>
Species
DOG
CAT
RABBIT
REPTILE
BIRD
petOwner
1
Owner
- idOwner: String
- fullName: String
- phone: String
- address: String
+ Owner(String, String, String, String): void
+getFullName(): String
+ toString():String
0..120
pet
CatArea
- height: double
- maximumWeight: double
+CatArea(String, double, double, UseType, double, double): void
+ toString(): String
DogArea
- numberOfToys: int
+DogArea(String, double, double, UseType, int): void
+ toString(): String
RabbitsArea
- plantsType: String
- numberOfPlants: int
+RabbitsArea(String, doubl double, UseType, String, int): void
+ toString(): String
BirdArea
- height: double
- capacity: int
+BirdArea(String, double, double, UseType, double, int, CageType): void
+ toString(): String
ReptileArea
- material: String
+ReptileArea(String, double, double, UseType, String, ReptleType): void
+ toString(): String
cageType
1
<<Enum>>
CageType
HANGING_CAGE
CORRAL
reptileType
1
<<Enum>>
ReptileType
AMPHIBIANS
TERRESTRIAL
<<Java Class>>
PetCenterSystem
ui
PetCenterSystem
-reader: Scanner
- countNA: int
- countPriority1: int
- countPriority2: int
- countPriority3: int
- countPriority4: int
- countPriority5: int
+ PetCenterSystem(): void
+ showMenu(): void
+ executeOptions(int): void
+ registerVet( ) : void
+ selectPriority(String) : void
+ askForBreed(): void
+ removeAPet(): void
+ deleteVetPCS(): void
+ startAConsultation(): void
+ selectPetForCare(String): String
+ finalizeAConsultation(): void
+ countPetForCare(): int
+ verifyPetForCare(): void
+ countPetsForPriority(): void
+ percentagePWA(): double
+ showReports(): double
+ registerPetToDaycare(): void
+ executeDaycareOptions(int): void
+ showDaycareMenu(): int
+ executeGeneralOptions(int): void
+ showGeneralMenu(): int
petCenter
1