abstract Pet

- name: String

+ abstract speak(): String
+ getName(): String
+ setName(String)

Cat

+ speak(): String

Dog

+ speak(): String

Snake

+ speak(): String

Controller

- display: Display
- petFactory: PetFactory
-petManagement: PetManagement
-numberOfPets: int
-petType: String
-petName: String

+askUserForNumberOfPets(): void
+askUserForPetInfo(): void
+displayPets():void
+displaySinglePet(int): void
-askUserForPetName(): String
-askUserForPetType(): String
-assignPet(Pet):void

Display

- scanner: Scanner

+ askUserForNumberInput(String):
int
+askUserForString(String):String

PetFactory

-type: String
-name: String

+ makeAPet(String, String): Pet

PetManagement

+numberOfPets: int
+pets:ArrayList<Pet>