Graphical user interface, text

Description automatically generated1.

Diagram

Description automatically generated

Graphical user interface, application

Description automatically generated

2. The superclass should be Pet and the two subclasses are Cat (OPTIONAL OR) and Dog (OPTIONAL OR)

3.

Owner(oid,firstName,lastName,address)

Building(bid,bname,yearBuilt)

Room(bid,roomNum,roomSize)

Pet(oid,name,age,description)

* Pet.oid FK to Owner.oid

PetStay(startDate,name,oid,bid,roomNum,endDate,cost)

* PetStay.name FK to Pet.name
* PetStay.oid FK to Pet.oid
* PetStay.bid FK to Room.bid
* Petstay.roomNum FK to Room.roomNum

Cat(hasClaws,isSocial,name,oid)

* Cat.name FK to Pet.name
* Cat.oid FK to Pet.oid

Dog(size,isBarker,name,oid)

* Dog.name FK to Pet.name
* Dog.oid FK to Pet.oid