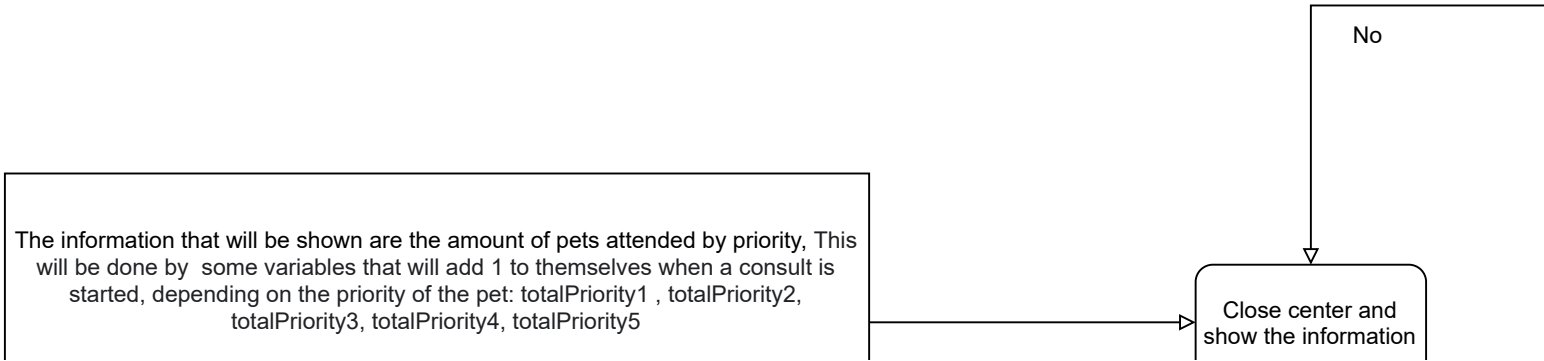
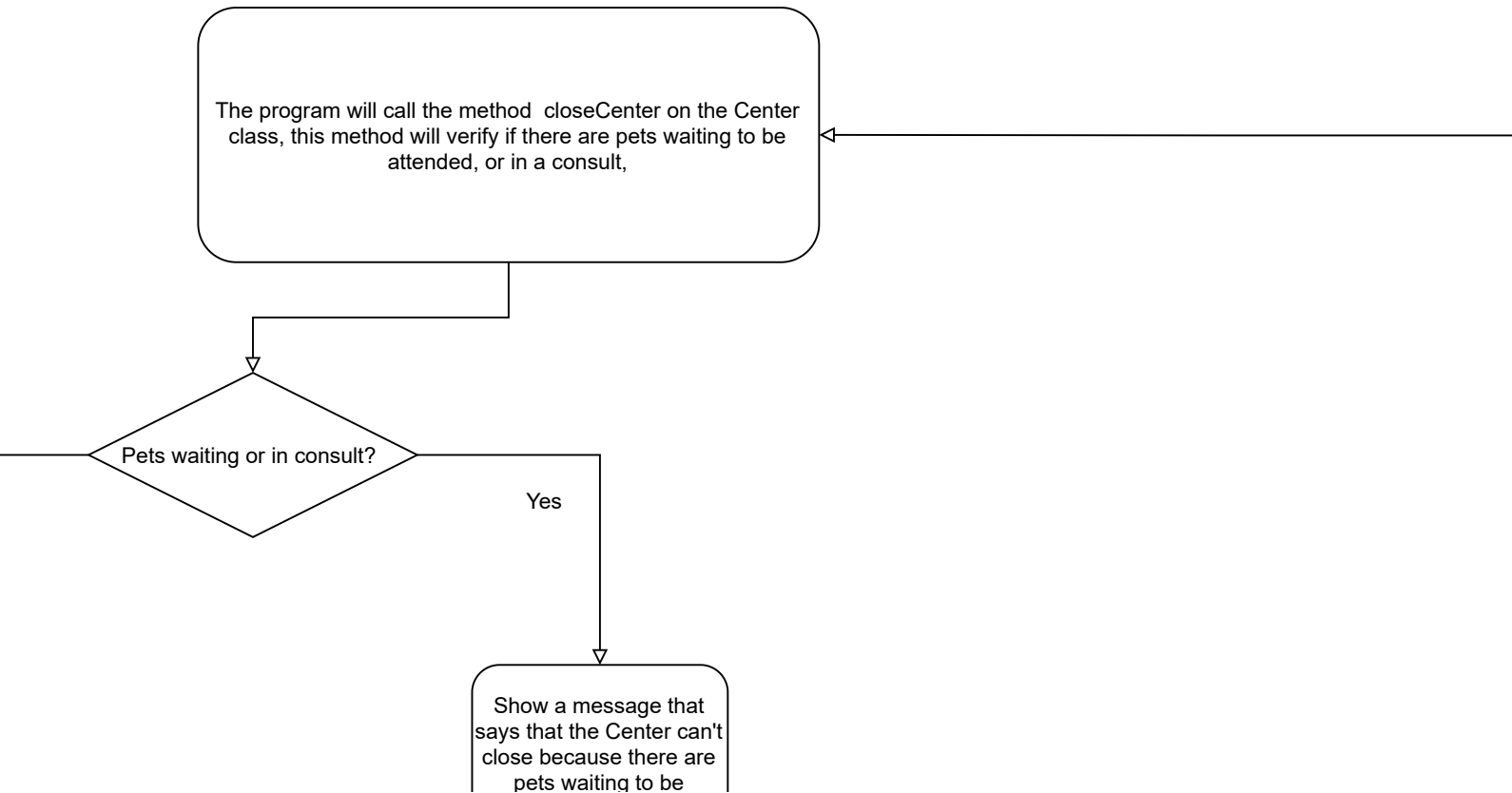
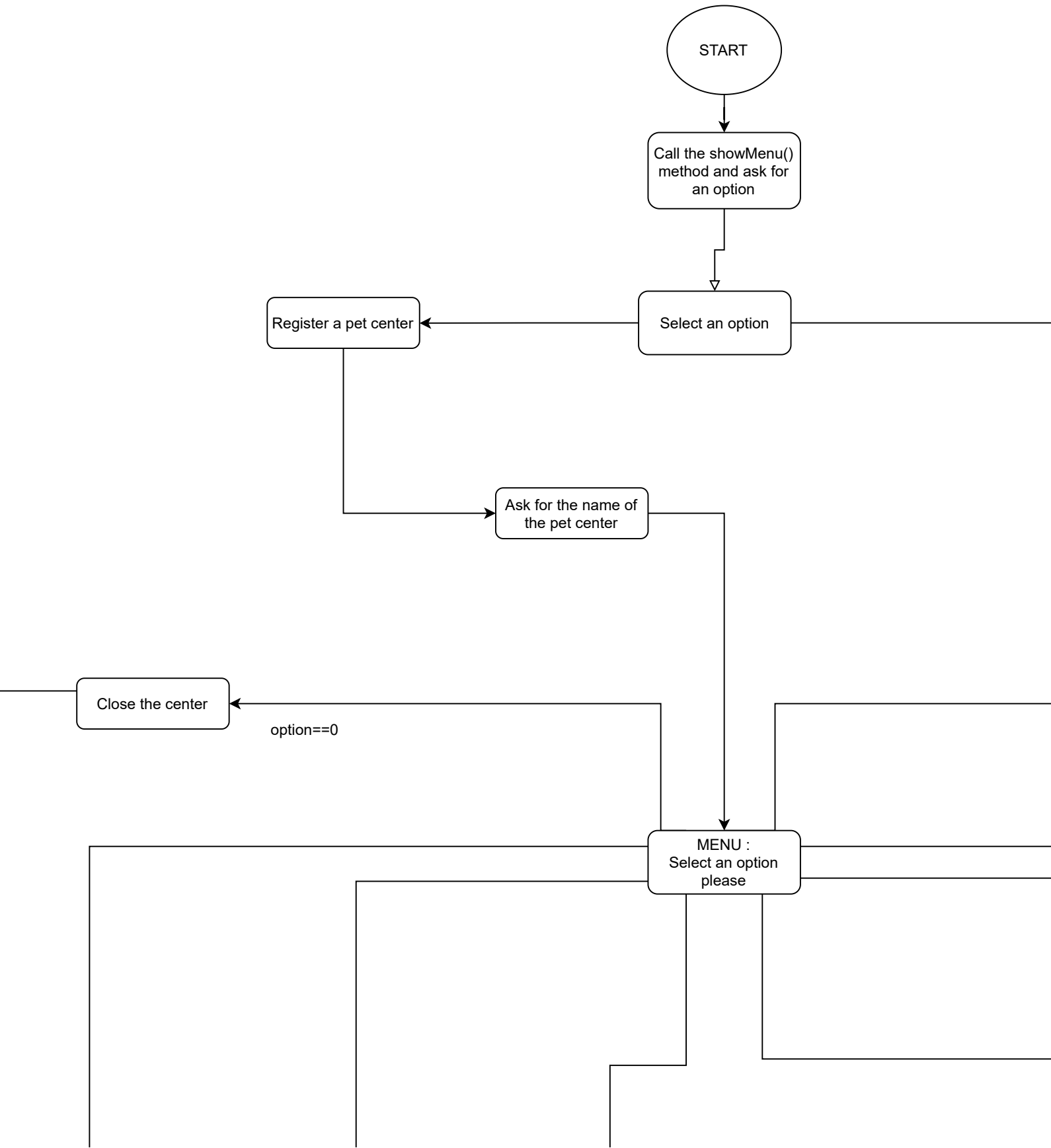
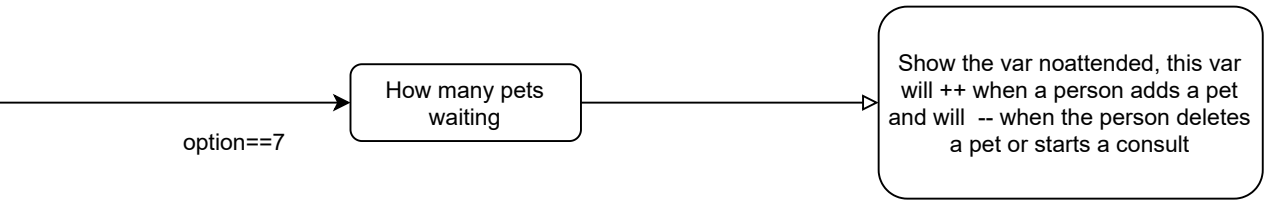
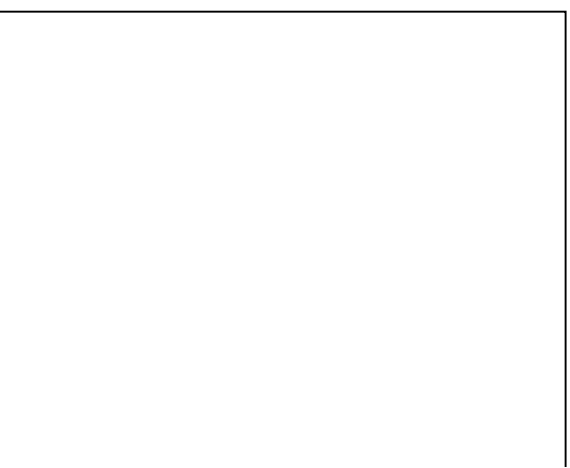

No
The information that will be shown are the amount of pets attended by priority, This will be done by some variables that will add 1 to themselves when a consult is started, depending on the priority of the pet: totalPriority1 , totalPriority2, totalPriority3, totalPriority4, totalPriority5
Close center and show the information


The program will call the method closeCenter on the Center class, this method will verify if there are pets waiting to be attended, or in a consult,
Pets waiting or in consult?
Yes
Show a message that says that the Center can't close because there are pets waiting to be


START
Call the showMenu() method and ask for an option
Select an option
Register a pet center
Ask for the name of the pet center
Close the center
option==0
MENU :
Select an option
please

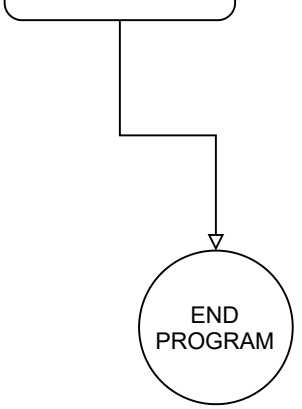
Exit
END OF THE PROGRAM

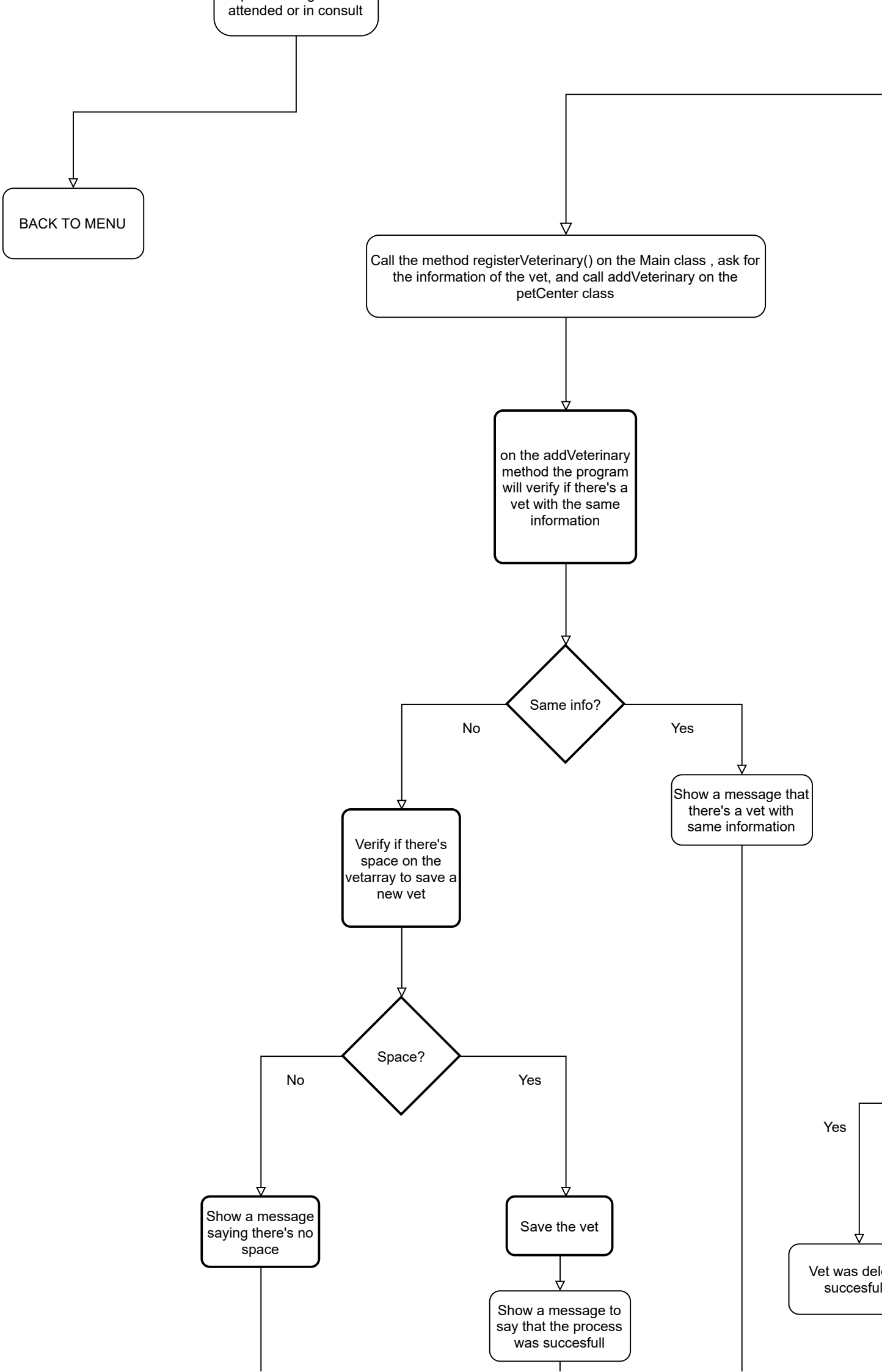

How many pets waiting
option==7
Show the var noattended, this var will ++ when a person adds a pet and will -- when the person deletes a pet or starts a consult

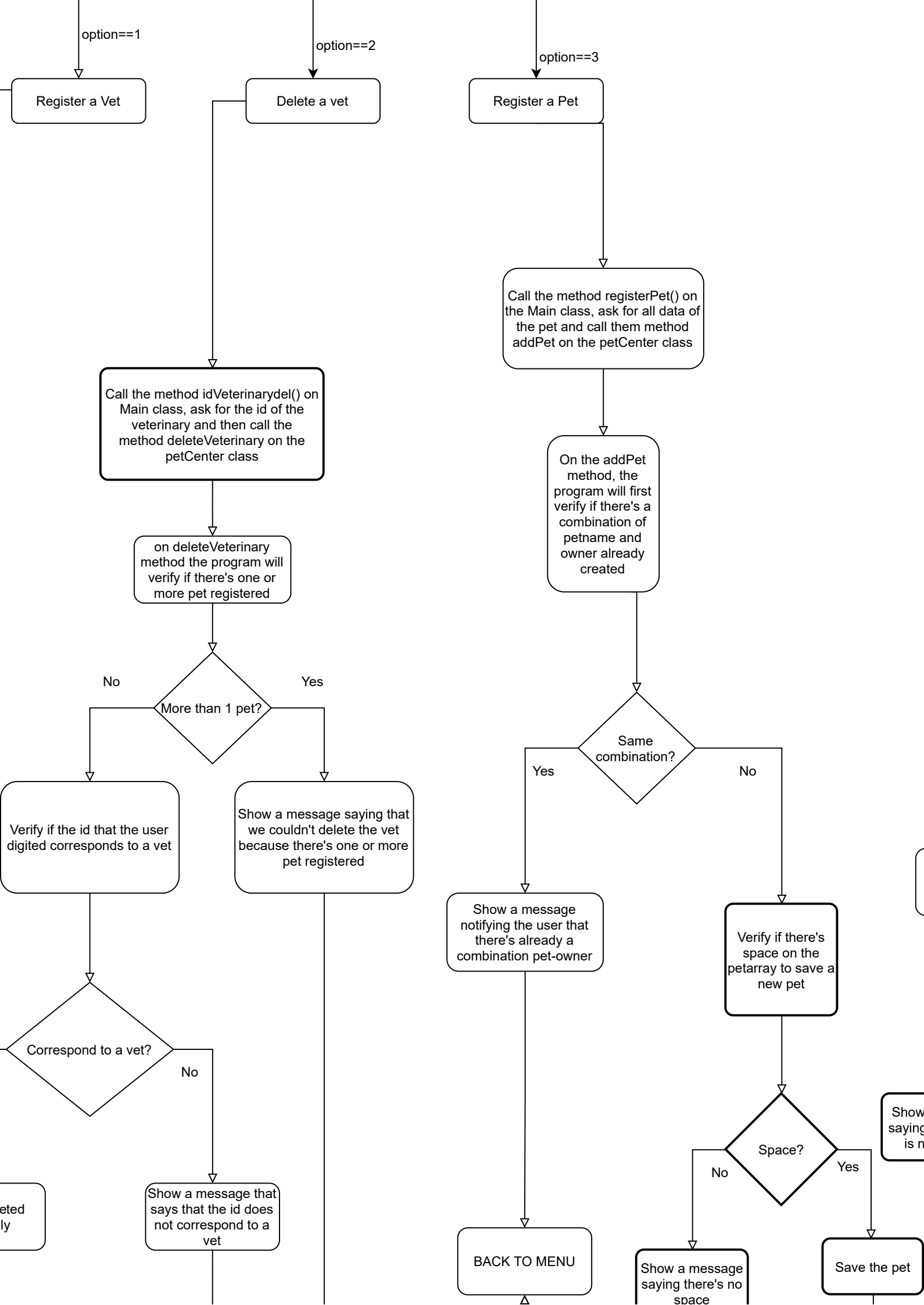


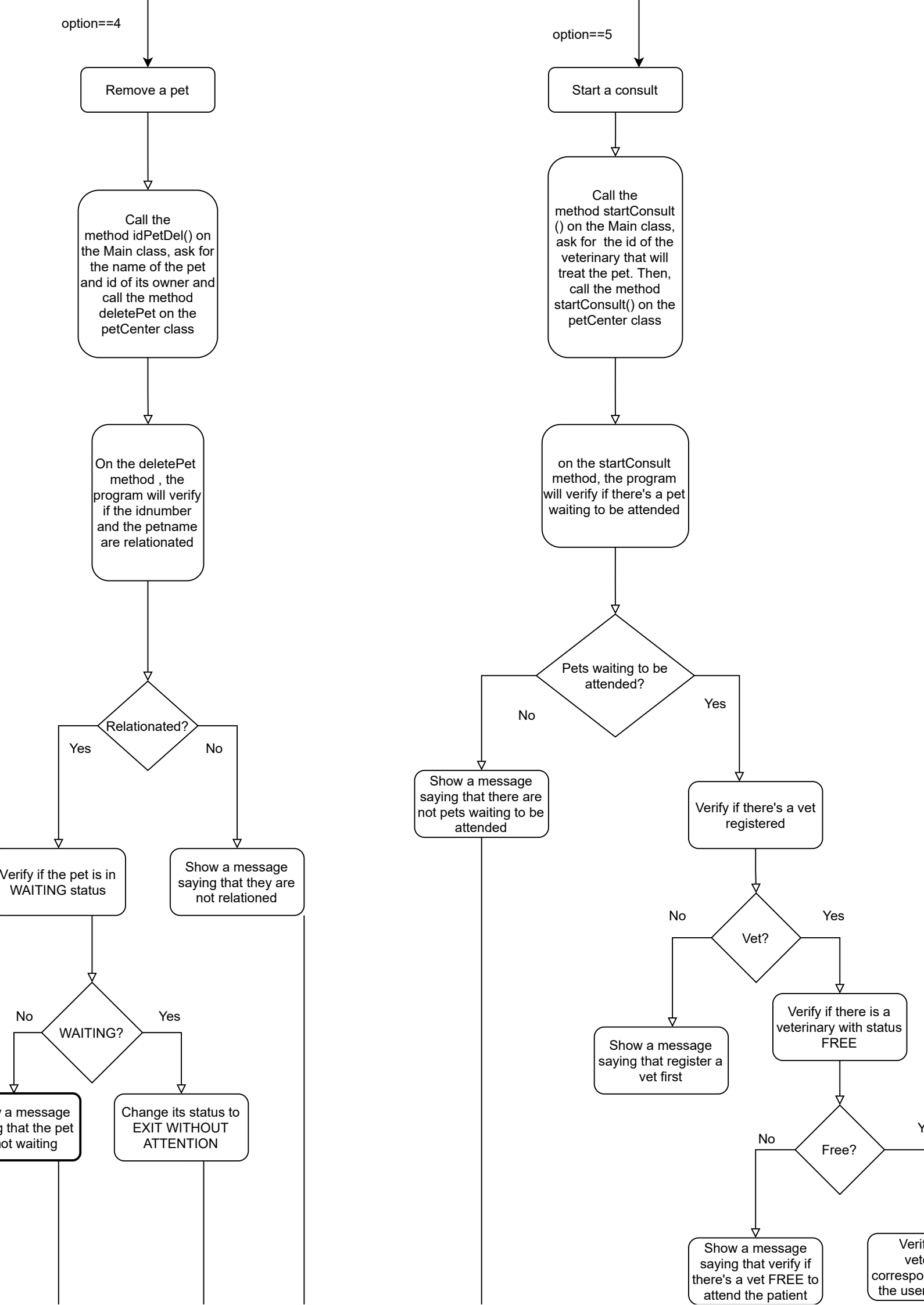
Also the program will show a percentage of pets that left the center without being attended, this will be done because i'll create 2 variables. the first one will store the total pets that are added and the second one will store the pets that left the center without being attended, then i'll do (leftnoattended/totalpets)*100%

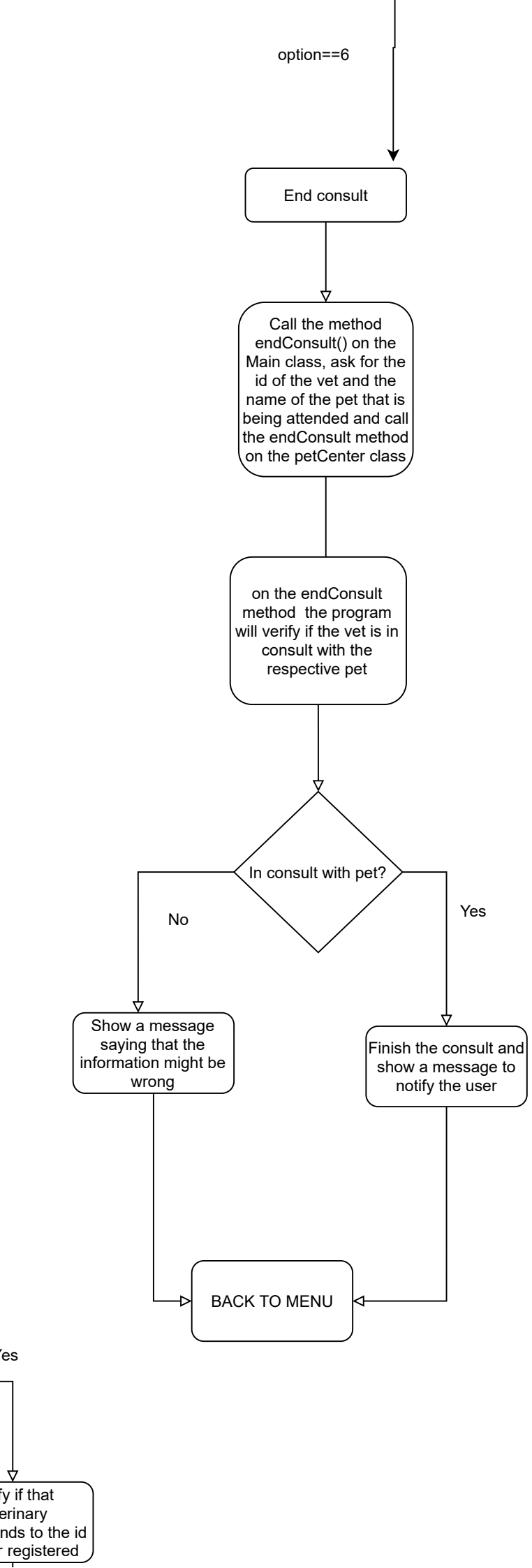
Finally the program will show the veterinarian that did the highest amount of consults, this will be done by an atribute of the class Veterinary that will add 1 to itself when the veterinary starts a consult

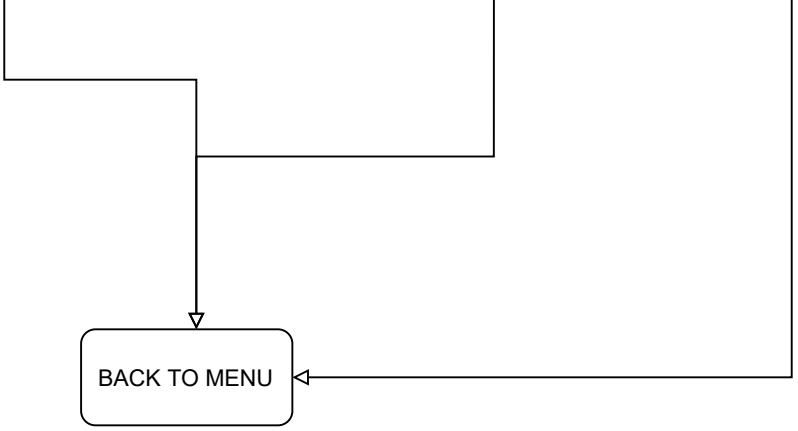


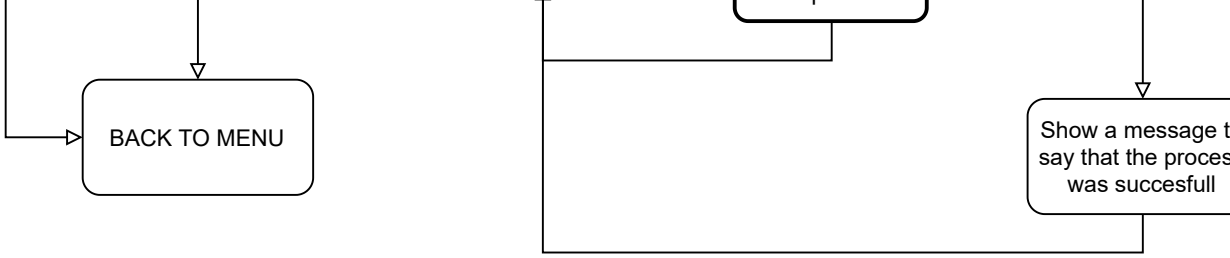

attended or in consult
BACK TO MENU
Call the method registerVeterinary() on the Main class , ask for the information of the vet, and call addVeterinary on the petCenter class
on the addVeterinary method the program will verify if there's a vet with the same information
Same info?
No
Yes
Show a message that there's a vet with same information
Verify if there's space on the vetarray to save a new vet
Space?
No
Yes
Show a message saying there's no space
Save the vet
Show a message to say that the process was succesfull
Yes
Vet was del
succesful

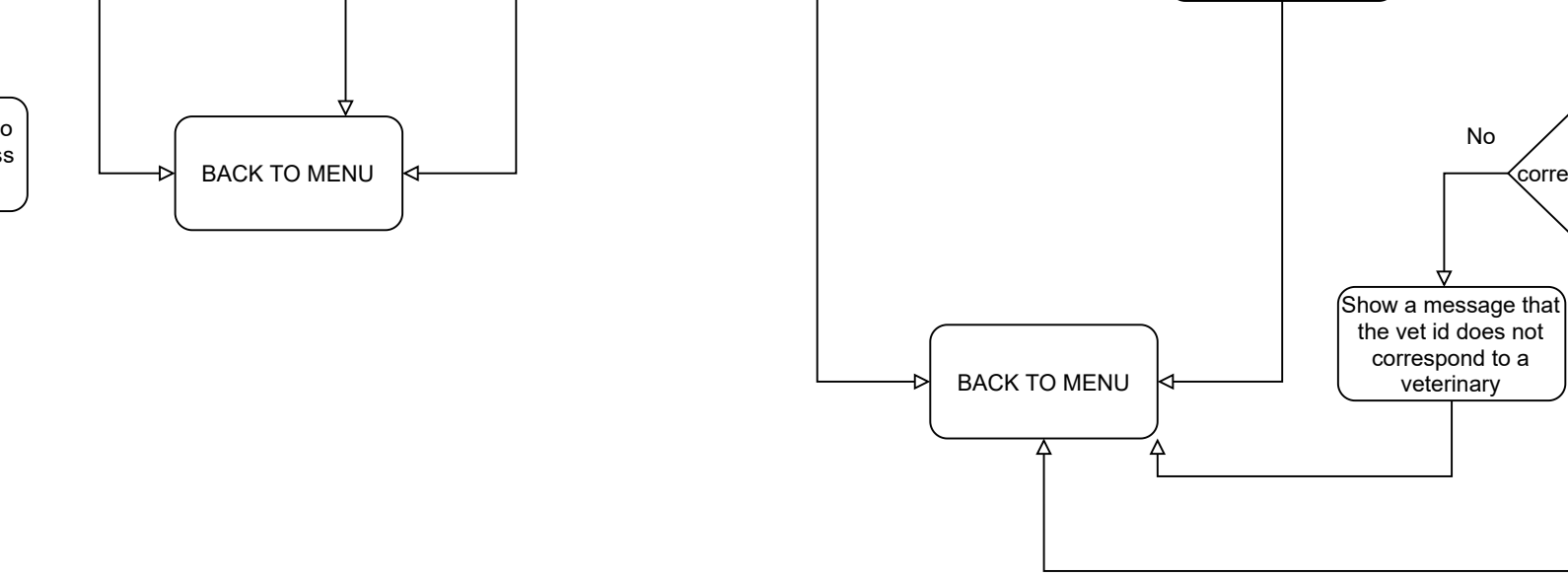

option==1
option==2
option==3
Register a Vet
Delete a vet
Register a Pet
Call the method idVeterinarydel() on Main class, ask for the id of the veterinary and then call the method deleteVeterinary on the petCenter class
Call the method registerPet() on the Main class, ask for all data of the pet and call them method addPet on the petCenter class
on deleteVeterinary method the program will verify if there's one or more pet registered
On the addPet method, the program will first verify if there's a combination of petname and owner already created
No
More than 1 pet?
Yes
Same combination?
Yes
No
Verify if the id that the user digited corresponds to a vet
Show a message saying that we couldn't delete the vet because there's one or more pet registered
Show a message notifying the user that there's already a combination pet-owner
Verify if there's space on the petarray to save a new pet
Correspond to a vet?
No
Space?
No
Yes
Show a message that says that the id does not correspond to a vet
BACK TO MENU
Show a message saying there's no space
Save the pet

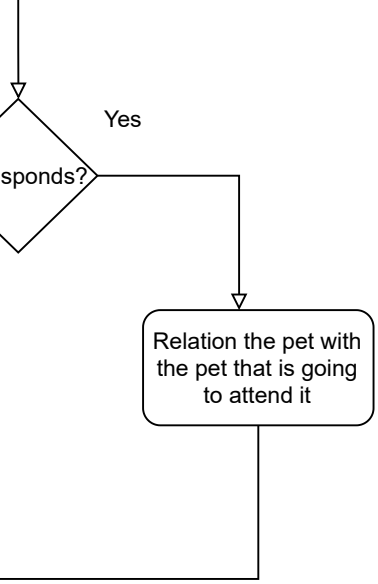

option==4
Remove a pet
Call the method idPetDel() on the Main class, ask for the name of the pet and id of its owner and call the method deletePet on the petCenter class
On the deletePet method , the program will verify if the idnumber and the petname are relationated
Relationated?
Yes
No
Verify if the pet is in WAITING status
Show a message saying that they are not relationed
WAITING?
No
Yes
Change its status to EXIT WITHOUT ATTENTION
option==5
Start a consult
Call the method startConsult () on the Main class, ask for the id of the veterinary that will treat the pet. Then, call the method startConsult() on the petCenter class
on the startConsult method, the program will verify if there's a pet waiting to be attended
Pets waiting to be attended?
No
Yes
Show a message saying that there are not pets waiting to be attended
Verify if there's a vet registered
Vet?
No
Yes
Show a message saying that register a vet first
Verify if there is a veterinary with status FREE
Free?
No
Show a message saying that verify if there's a vet FREE to attend the patient


option==6
End consult
Call the method endConsult() on the Main class, ask for the id of the vet and the name of the pet that is being attended and call the endConsult method on the petCenter class
on the endConsult method the program will verify if the vet is in consult with the respective pet
In consult with pet?
No
Yes
Show a message saying that the information might be wrong
Finish the consult and show a message to notify the user
BACK TO MENU
es
y if that
erinary
nds to the id
r registered


BACK TO MENU


BACK TO MENU
Show a message t
say that the proces
was succesfull


BACK TO MENU
No
corre
Show a message that the vet id does not correspond to a veterinary
BACK TO MENU


Yes
sponds?
Relation the pet with the pet that is going to attend it