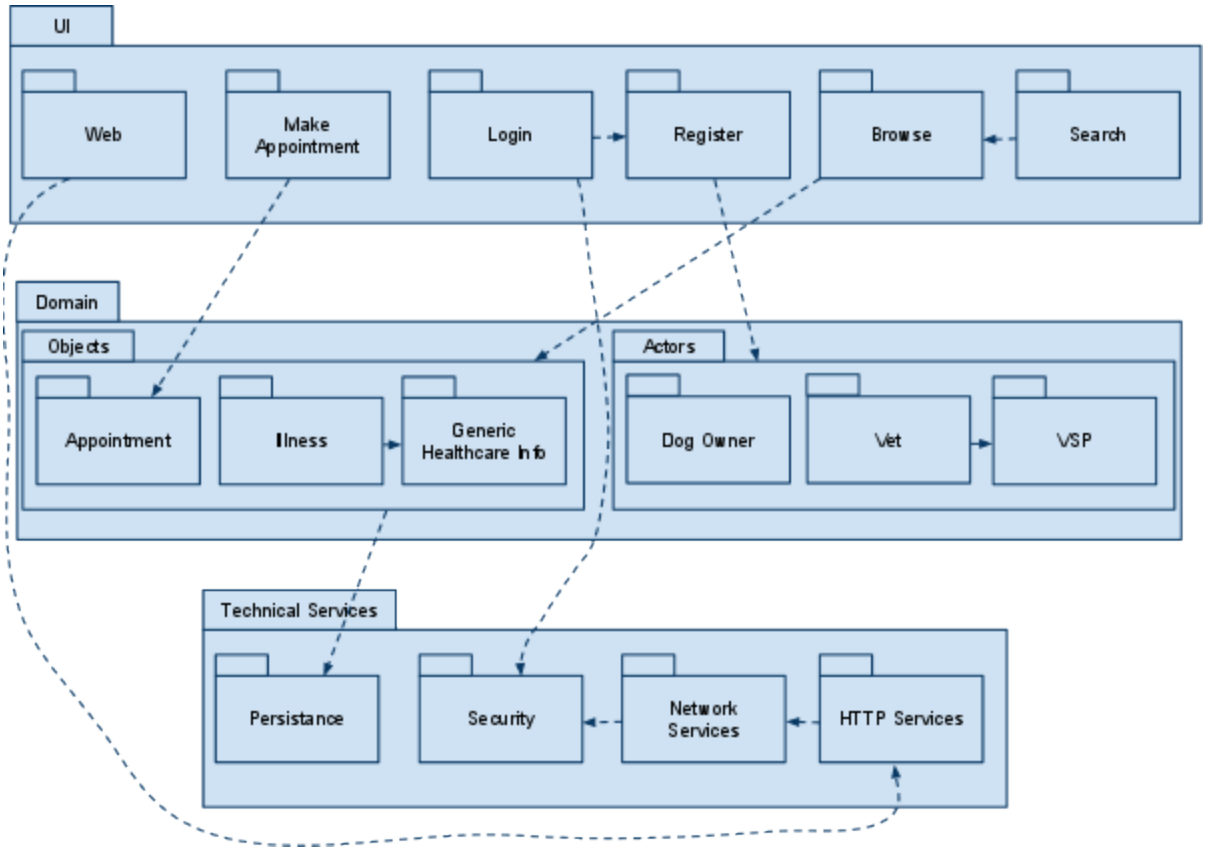
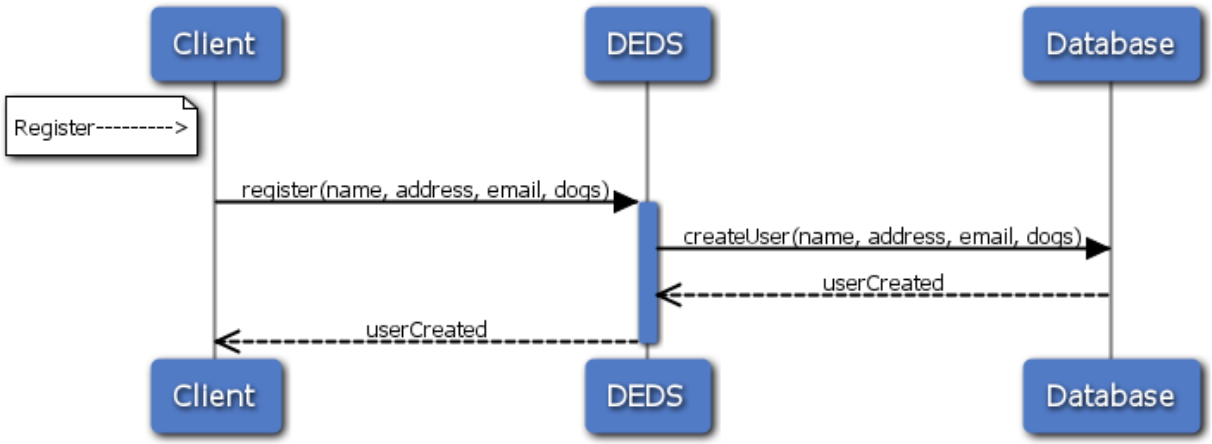
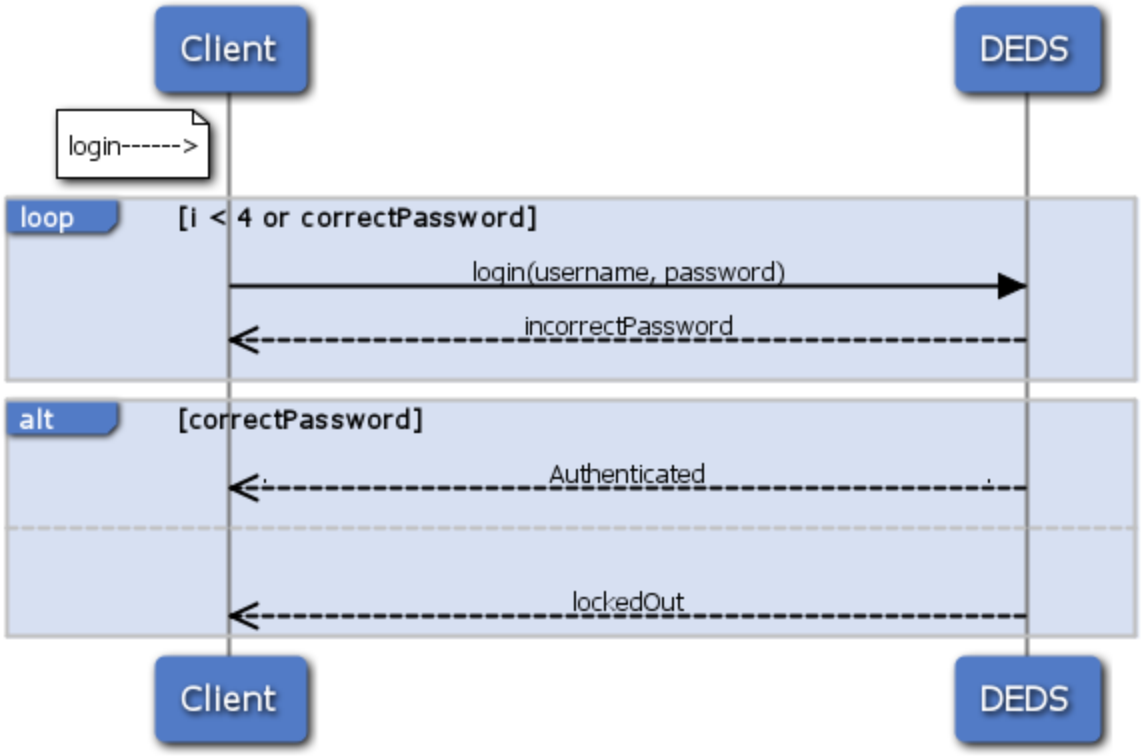


Dog Owner Registration



note left of Client: Register--------->
Client->DEDS: register(name, address, email, dogs)
activate DEDS
DEDS->Database: createUser(name, address, email, dogs)
Database-->DEDS: userCreated
DEDS-->Client: userCreated

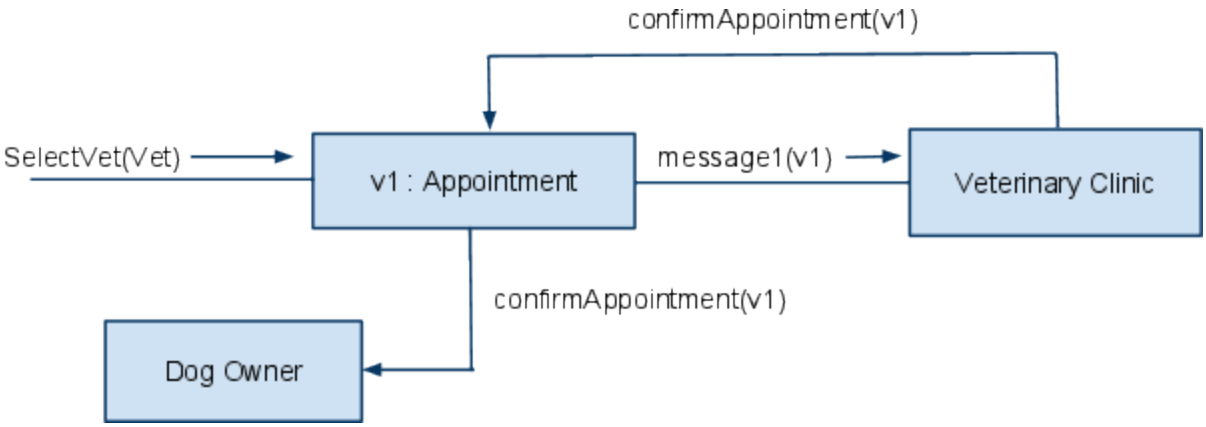
Login System



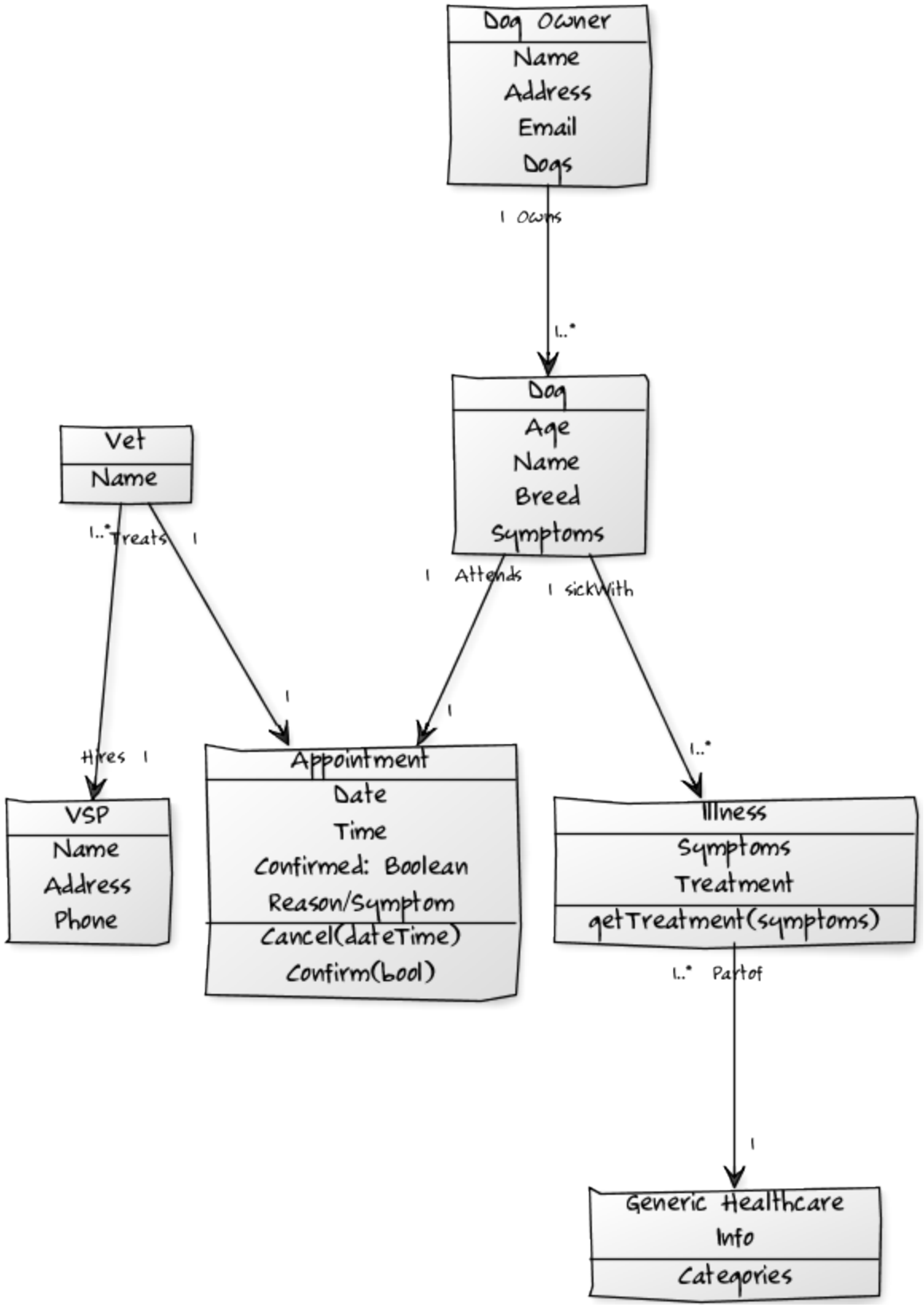
note left of Client: login------>

loop i < 4 or correctPassword
    Client->DEDS: login(username, password)
    DEDS-->Client: incorrectPassword
end
alt correctPassword
    DEDS-->Client: . Authenticated .
else
    DEDS-->Client: lockedOut
end

Appointment Scheduling:



Design Class Diagram


Dog Owner
Name
Address
Email
Dogs
1 Owns
1..*
Dog
Age
Name
Breed
Symptoms
Vet
Name
1..* Treats 1
1 Attends
1 sickWith
1
1
Hires 1
1..*
VSP
Name
Address
Phone
Appointment
Date
Time
Confirmed: Boolean
Reason/Symptom
Cancel(dateTime)
Confirm(bool)
Illness
Symptoms
Treatment
getTreatment(symptoms)
1..* Partof
1
Generic Healthcare
Info
Categories