DeDS Associates
+Name

Knowledge Bulletin
+Current News

Knowledge Base
+Medical Information

Maintains

Maintains

Is-A

VSP
+Name

Users
+Credentails

Is-A

Contracts-With

Dog Owner
+Name
+Address
+Phone Number
+Dogs

Vet
+Name
+Experiance
+Qualifications
+Specialities

Is-A

Is-A

Maintains

Owns

Appointment
+Date
+VSP
+Confrimed

Dog
+Name
+Breed
+Age
+Symptoms
+History

Has

Has

Appointment Schedule
+Calendar

Contains

In my domain model I chose to have the dog associated with appointments instead of the dog owner because in real life the owner doesn't go to the appointment, the dog does. I also chose to include a Knowledge Base because the DeDS associates need somewhere to store the information for the knowledge bulletin. I also chose to include an appointment schedule, because there's no point in having appointments if there's no way of keeping track and viewing them.