

a. Entity Types

- Staff
- Clinic
- Pet
- Owner
- Examination
- Manager

b. Relationships/Multiplicity Constraints

- Clinic has several Staff
- Staff manages at most 1 Clinic
- Owner owns 1 or more Pet
- Pet registered to one Clinic
- Examination done to one Pet

c. Attributes

- Staff
 - staffNo
 - firstName
 - lastName
 - address
 - phoneNo
 - dateOfBirth
 - position
 - salary
- Clinic
 - clinicNo
 - name
 - address
 - phoneNo
- Pet
 - petNo
 - name
 - dateOfBirth
 - species
 - breed
 - color
- Owner
 - ownerNo
 - firstName
 - lastName
 - address
 - phoneNo
- Examination
 - examNo
 - complaint
 - description
 - dateSeen
 - actionsTaken
- Manager
 - staffNo
 - clinicNo

d. Candidate and Primary Keys

- Staff
 - staffNo {PK}
 - (firstName, lastName, address, phoneNo)
- Clinic
 - clinicNo {PK}
 - (name, address, phoneNo)

- Pet
 - petNo {PK}
 - (name, dateOfBirth)
- Owner
 - ownerNo {PK}
 - (firstName, lastName, address, phoneNo)
- Examination
 - examNo {PK}

