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Programme: software development

Entities:

1. PetClinic
2. Staff
3. PetOwner
4. Pet
5. Examination
6. Treatment
7. STreatment
8. Non\_STreatment

Attributes:

1. PetClinic (ClinicNo(PK), Address, PhoneNo)
2. Staff (StaffNo(PK), fName, lName, Address, DOB, Salary)
3. PetOwner (OwnerNo(PK), Address, Name, PhoneNo)
4. Pet (PetNo(PK), DOB, DogBread, DogName)
5. Examination (ExamNo(PK), Date)
6. Treatment (TreatmentNo(PK), Cost)
7. STreatment (Anesthetic, Area)
8. Non\_STreatment (MedicationName, Dosage)

Associations:

1. PetClinic Has staff
2. PetOwner Contacts PetClinic
3. PetOwner Own Pet
4. Pet Register PetClinic
5. Pet Undergoes Examination
6. Staff Performs Examination
7. Examination ResultIn Treatment
8. Treatment CanBe STreament / Non\_STreatment

Multiplicities:

(1..1) Has (1..\*)

(1..1) Contacts (1..\*)

(1..1) Own (1..\*)

(1..1) Register (1..\*)

(1..1) Undergoes (1..\*)

(1..1) Performs (0..\*)

(1..\*) ResultIn (1..1)

(1..\*) CanBe (1..1)

Generalization:

SUPERTYPE: Treatment (SUBTYPE: STreatment / Non\_STreatment )

ER Diagram:

