HEALTH HISTORY

PET ID	PET NAME	PET TYPE	PET AGE	OWNER	VISIT DATE	PROCEDURE
246	ROVER	DOG	12	SAM COOK	JAN 13/2002	01 - RABIES VACCINATION
					MAR 27/2002	10 - EXAMINE and TREAT WOUND
					APR 02/2002	05 - HEART WORM TEST
298	SPOT	DOG	2	TERRY KIM	JAN 21/2002	08 - TETANUS VACCINATION
					MAR 10/2002	05 - HEART WORM TEST
341	MORRIS	CAT	4	SAM COOK	JAN 23/2001	01 - RABIES VACCINATION
					JAN 13/2002	01 - RABIES VACCINATION
519	TWEEDY	BIRD	2	TERRY KIM	APR 30/2002	20 - ANNUAL CHECK UP
					APR 30/2002	12 - EYE WASH

HEALTH

PetID

PetName

PetType

PetAge

Owner

VisitDate

Procedure

- ProcedureID
- ProcedureType

1NF:

PET(PetID,PetName,PetType,PetAge,Owner,VisitDate,ProcedureId,ProcedureType)

2NF:

PET(PetID,PetName,PetType,PetAge,owner)

PetVisit(PetID,VisitDate,ProcedureId)

Procedure(PetId,ProcedureId)

3NF: same as 2NF

PET(PetID,PetName,PetType,PetAge,owner)

PetVisit(PetID,VisitDate,ProcedureId)

Procedure(PetId,ProcedureId)

FIRST NORMAL FORM

CREATE TABLE PET(

PetID NUMBER(10) NOT NULL PRIMARY KEY,

PetName VARCHAR(25),

PetTYPE VARCHAR(25),

PetAGE NUMBER(10),

OWNER VARCHAR(25));

CREATE TABLE PROCEDURE(

ProcedureID NUMBER(10) NOT NULL PRIMARY KEY,

ProcedureType VARCHAR2(30));

SECOND NORMAL FORM

CREATE TABLE PetVisit(

PetID NUMBER(10) NOT NULL FORIEGN KEY,

VisitDate DATE,

ProcedureID NUMBER(10) ,

PRIMARY KEY(PETID) REFERENCES PET(PETID),

FOREIGN KEY (ProcedureId) REFERENCES Procedure(ProcedureId);