Trush Patel

Professor Kelly

CIS245LC

December 13, 2017

Final Project Design

SQL Database Project Idea: Vet Clinic

Tables: Vet, Appointment, Owner, Pet

How the database will work: The owner of a pet will have to schedule an appointment for his or her pet to meet with a Veterinary physician.

Example: Joe has a monthly check up for his dog named Lily. Joe must be the owner of Lily, therefore there must be a relationship created between them. Once there is a relationship, there must be an appointment scheduled for the checkup. Once the appointment has been made, then the Vet can treat Lily.

Relationships: Vet/Appointment, Pet/Appointment, Pet/Owner

Design:

One-to-Many Relationships

Appointment

One-to-Many Relationships

One-to-Many Relationships

* Vet\_ID
* Last\_Name
* First\_Name
* Street
* City
* State
* Postal\_Code
* Salary
* Degree
* Position
* Pet\_ID
* Pet\_Name
* Street
* City
* State
* Postal\_Code
* Breed
* Owner\_ID
* Owner\_ID
* Owner\_Name
* Street
* City
* State
* Postal\_Code
* Appointment\_ID
* Appointment\_Date
* Vet\_ID
* Pet\_ID

Pet

Owner

Appointments

Vet