Team Number: \_4\_

Team Members: \_\_Nicolas Beaulieu, Francois Belanger, Isaac Mills\_\_

| **Attribute Name** | **Entity** | **S/C[[1]](#footnote-1)** | **S/D[[2]](#footnote-2)** | **S/M[[3]](#footnote-3)** | **M/O[[4]](#footnote-4)** | **Unique?** | **Definition** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Medication\_name | Medication | S | S | S | M | Y | The name of the medication |
| frequency | Medication | S | S | S | M | N | Times the pet takes the meds |
| brand\_name | Food | S | S | S | M | Y | The name of the food brand |
| Entry\_datetime | Log\_Entry | S | S | M | M | Y | Time log is entered |
| Entry\_text | Log\_Entry | S | S | M | O | Y | Text on the log |
| Location\_type | Location | S | S | S | M | N | Where the pet is placed |
| available | Location | S | S | S | M | N | If the run is available |
| run\_number | Run | S | S | S | M | N | The number of the run |
| size | Run | S | S | S | M | N | The size of the run |
| covered | Run | S | S | S | M | N | If the run is covered |
| front\_facing | Run | S | S | S | M | N | If the run is front facing |
| suite\_type | Suite | S | S | M | M | N | The type of suite for cats |
| note\_text | Note | S | S | S | M | N | Text on the note |
| vaccination\_datetime | Pet\_vaccination | S | S | S | M | N | Date of vaccination |
| pet\_type | Pet | S | S | M | M | N | Type of pet, dog or cat |
| pet\_name | Pet | S | S | S | M | N | Name of pet |
| pet\_gender | Pet | S | S | S | M | N | If pet is male or female |
| pet\_birthday | Pet | S | S | S | M | N | Birthday of pet |
| sprayed\_neutered | Pet | S | S | S | M | N | If pet is sprayed or neutered |
| base\_cost | Pet\_Reservation | S | S | S | M | N | The base cost for a reservation |
| vaccine\_name | Vaccinations | S | S | S | M | Y | Name of the vaccine |
| vaccine\_duration | Vaccinations | S | S | S | M | N | The duration of the vaccine |
| litter\_trained | Cat | S | S | S | M | N | If the cat is litter trained |
| declawed | Cat | S | S | S | M | N | If the cat is declawed |
| outdoor | Cat | S | S | S | O | N | If it’s an outdoor cat |
| baths | Cat | S | S | S | O | N | If the cat likes baths |
| grooming | Cat | S | S | S | O | N | If the owner wants their cat groomed |
| medication | Cat | S | S | S | O | N | The medication the cat requires |
| start\_date | Reservation | S | S | S | M | N | When owner drops off their pet |
| end\_date | Reservation | S | S | S | M | N | When owner picks up their pet |
| commitment | Reservation | S | S | S | M | N | Commitment of client |
| total\_cost | Price | C | D | S | M | N | The total cost on invoice |
| total\_percent | Discount | C | D | S | M | N | The total discount that will be applied |
| size | Dog | S | S | S | M | N | The size of the dog |
| feeding\_frequency | Dog | S | S | M | M | N | The number of times to feed the dog |
| walk | Dog | S | S | S | O | N | If the owner wants daily walks for their dog |
| playtime | Dog | S | S | S | O | N | If the owner wants doggy playtime |
| medication | Dog | S | S | M | O | N | What medication the dog requires |
| dietary\_needs | Dog | S | S | S | O | N | The diet of the dog |
| contact\_type | Contact | S | S | M | M | N | The best form of contact |
| first\_name | Contact | S | S | S | M | N | The contacts first name |
| last\_Name | Contact | S | S | S/M | M | N | The contacts last name |
| phone\_number | Contact | S | S | M | M | Y | The contacts phone number |
| address | Contact | S | S | S/M | O | Y | The contacts home/work address |

**Primary Keys**

#contact\_ID

#medication\_ID

#food\_ID

#log\_Entry\_id

#location\_id  
#note\_id  
#pet\_id  
#reservation\_id  
#vaccine\_id  
#service\_id  
#discount\_id

1. **Simple (S) or Composite (C)** [↑](#footnote-ref-1)
2. **Stored (S) or Derived (D)** [↑](#footnote-ref-2)
3. **Singular(S) or Multi-valued (M)** [↑](#footnote-ref-3)
4. **Mandatory (M) or Optional (O)** [↑](#footnote-ref-4)