**Attribute List**

**Team:** *Team 2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Names:***Philip, Alex, Jeremy\_\_\_\_\_\_*

***CHANGED NAME TO CHAR instead of varchar - Jeremy c:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Domain Name*** | ***Datatype*** | ***Size*** | ***Valid Values*** | ***Default Value*** |
| Name | VARCHAR | 50 | A-Za-z’-. |  |
| Street | VARCHAR | 95 | A-Za-z0-9-’. |  |
| City | VARCHAR | 35 | ^(\d+)$ | Gatineau |
| Province | CHAR | 2 | ^(QC|ON)$ | QC |
| Postal—Code | CHAR | 6 | ^([A-Z][0-9][A-Z])([0-9][A-Z][0-9])$ |  |
| Phone | CHAR | 10 | ^ ([0-9]{10})$ |  |
| Size | CHAR | 1 | ^(S|M|L)$ - S, M, L |  |
| Entity id | NUMERIC | 8 | ^(\d{8})$ |  |
| Notes | VARCHAR | 500 |  |  |
| sex | CHAR | 1 | M, F |  |
| Yes / No | Boolean | 1 | Yes(True), No(False) |  |
| Date | Date | 1 |  |  |
| Vaccination | VARCHAR | 20 | Bordetella, Distemper, Hepatitis, Parainfluenza, Parovirus, Rabies |  |
| Amount | INTEGER | 6 |  |  |
| Service | VARCHAR | 10 | Baths|Grooming|Walking|Playtime|Medication |  |
| Email | VARCHAR | 255 | ^(([^<>()[\]\\.,;:\s@\"]+(\.[^<>()[\]\\.,;:\s@\"]+)\*)|(\".+\"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z\-0-9]+\.)+[a-zA-Z]{2,}))$ |  |

***Attributes:***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***Attribute*** | ***Entity*** | ***Identifier?*** | ***Domain*** | ***Datatype[\*]*** | ***Size\**** | ***Valid values\**** | ***Default\**** |
| ***SPECIAL\_NOTES*** | SPECIAL\_NOTES | no | Notes |  |  |  |  |
| ***PET\_NUMBER*** | PET | yes | entity-id |  |  |  | 00000000 |
| ***PET\_NAME*** | PET | no | name |  |  |  | none |
| ***PET\_SEX*** | PET | no | sex |  |  |  | none |
| ***PET\_FIXED*** | PET | no | Yes/No |  |  |  |  |
| ***Medical- Issues*** | PET | no | Notes |  |  |  |  |
| ***PET\_BIRTHDATE*** | PET | no | Date |  |  |  |  |
| ***PET\_BREED*** | PET | no | name |  |  |  |  |
| ***DOG\_SIZE*** | DOG | no | size |  |  |  |  |
| ***CLIMBER*** | DOG | no | Yes/No |  |  |  |  |
| ***BARKER*** | DOG | no | Yes/No |  |  |  |  |
| ***RESERVATION\_START\_DATE*** | RESERVATION | no | Date |  |  |  |  |
| ***RESERVATION\_END\_DATE*** | RESERVATION | no | Date |  |  |  |  |
| ***RESERVATION*** | RESERVATION | yes | entity-id |  |  |  |  |
| ***CUSTOMER\_NUMBER*** | CUSTOMER | yes | entity-id |  |  |  |  |
| ***CUSTOMER\_FIRST\_NAME*** | CUSTOMER | no | Name |  |  |  | none |
| ***CUSTOMER\_LAST\_NAME*** | CUSTOMER | no | Name |  |  |  | none |
| ***CUSTOMER\_STREET*** | CUSTOMER | no | Street |  |  |  |  |
| ***CUSTOMER\_CITY*** | CUSTOMER | no | City |  |  |  |  |
| ***CUSTOMER\_PROVINCE*** | CUSTOMER | no | Province |  |  |  |  |
| ***CUSTOMER\_POSTAL\_CODE*** | CUSTOMER | no | Postal-Code |  |  |  |  |
| ***CUSTOMER\_EMAIL*** | CUSTOMER | no | Email |  |  |  |  |
| ***EMERGENCY\_CONTACT\_FIRST\_NAME*** | CUSTOMER | no | Name |  |  |  |  |
| ***EMERGENCY\_CONTACT\_FIRST\_NAME*** | CUSTOMER | no | Name |  |  |  |  |
| ***EMERGENCY\_CONTACT\_PHONE*** | CUSTOMER | no | phone |  |  |  |  |
| ***DECLAWED*** | CAT | no | yes/no |  |  |  |  |
| ***LITTER\_TRAINED*** | CAT | no | yes/no |  |  |  |  |
| ***INDOOR*** | CAT | no | yes/no |  |  |  |  |
| ***VET\_NUMBER*** | VETERINARIAN | yes | entity-id |  |  |  |  |
| ***VET\_FIRST\_NAME*** | VETERINARIAN | no | Name |  |  |  |  |
| ***VET\_LAST\_NAME*** | VETERINARIAN | no | Name |  |  |  |  |
| ***VET\_PHONE*** | VETERINARIAN | no | phone |  |  |  |  |
| ***VET\_STREET*** | VETERINARIAN | no | Street |  |  |  |  |
| ***VET\_CITY*** | VETERINARIAN | no | City |  |  |  |  |
| ***VET\_PROVINCE*** | VETERINARIAN | no | Province |  |  |  |  |
| ***VET\_POSTAL\_CODE*** | VETERINARIAN | no | Postal-code |  |  |  |  |
| ***VACCINATION\_EXPIRY\_DATE*** | PET VACCINATION | no | Date |  |  |  |  |
| ***VACCINATION\_NUMBER*** | VACCINATION | yes | entity-id | VARCHAR | 1 | D / C |  |
| ***VACCINATION\_PET\_TYPE*** | VACCINATION | no | Name |  |  |  |  |
| ***VACCINATION\_NAME*** | VACCINATION | no | Name |  |  |  |  |
| ***MEDICATION\_NUMBER*** | MEDICATION | yes | entity-id |  |  |  |  |
| ***MMEDICATION\_NAME*** | MEDICATION | no | Name |  |  |  |  |
| ***MEDICATION\_DOSAGE*** | MEDICATION | no |  | Number | 1 |  |  |
| ***MEDICAITON\_SPECIAL\_INSTRUCTIONS*** | MEDICATION | no | Notes |  |  |  |  |
| ***KENNEL\_LOG\_DATE*** | KENNEL LOG | yes | Date |  |  |  |  |
| ***KENNEL\_LOG\_SEQUENCE\_NUMBER*** | KENNEL LOG | yes | entity-id |  |  |  |  |
| ***KENNEL\_LOG\_NOTES*** | KENNEL LOG | no | Notes |  |  |  |  |
| ***PET\_RES\_NUMBER*** | PET-RESERVATION | yes | entity-id |  |  |  |  |
| ***(DISCOUNT\_NUMBER+RESERVATION)*** | RESERVATION-DISCOUNT | yes | entity-id |  |  |  |  |
| ***SERVICE\_FREQUENCY*** | PET-RESERVATION-SERVICE | no |  | Number | 2 | [0-9] |  |
| ***TIME\_OF\_DAY*** | PET-RESERVATION-SERVICE |  |  | number | 1 | ([0-9]|10|11|12):([0-9]{2}) |  |
| ***SERVICE\_NUMBER*** | SERVICE | yes | entity-id |  |  |  |  |
| ***SERVICE\_DESCRIPTION*** | SERVICE | no | Notes |  |  |  |  |
| ***SERVICE\_NAME*** | SERVICE | no | Name |  |  |  |  |
| ***DISCOUNT\_NUMBER*** | DISCOUNT | yes | entity-id |  |  |  |  |
| ***DISCOUNT\_DESCRIPTION*** | DISCOUNT | no | Notes |  |  |  |  |
| ***DISCOUNT\_PERCENTAGE*** | DISCOUNT | no |  | Number | 2 | ([0-9]{1,2}) |  |
| ***DISCOUNT\_TYPE*** | DISCOUNT | no | Name |  |  |  |  |
| ***PET-FOOD\_FREQUENCY*** | PET FOOD | no |  | Number | 2 | Per day |  |
| ***PET-FOOD\_QUANTITY*** | PET FOOD | no |  | Number | 2 | scoops |  |
| ***FOOD\_NUMBER*** | FOOD | yes | entity-id |  |  |  |  |
| ***FOOD\_BRAND*** | FOOD | no | Name |  |  |  |  |
| ***FOOD\_VARIETY*** | FOOD | no | Name |  |  |  |  |
| ***FOOD\_PET\_TYPE*** | FOOD | no |  | CHAR | 1 | D / C |  |
| ***RUN\_NUMBER*** | RUN | yes | Entity-id |  |  |  |  |
| ***RUN\_SIZE*** | RUN | no |  | Char | 1 | L / M |  |
| ***RUN\_COVERED*** | RUN | no | yes/no |  |  |  |  |
| ***RUN\_FRONT*** | RUN | no | yes/no |  |  |  |  |
| ***RUN\_STATUS\_READY*** | RUN | no | yes/no |  |  |  |  |
| ***CAT\_SUITE\_NUMBER*** | CAT SUITE | yes | Entity-id |  |  |  |  |
| ***SUITE\_STATUS\_READY*** | CAT SUITE | no | yes/no |  |  |  |  |
| ***CAT\_SUITE\_TYPE\_NUMBER*** | CAT SUITE TYPE | yes | Entity-id |  |  |  |  |
| ***CAT\_SUITE\_MAXIMUM\_OCCUPANCY*** | CAT SUITE TYPE | no |  | Number | 1 |  |  |
| ***SUITE\_DESCRIPTION*** | CAT SUITE TYPE | no | Notes |  |  |  |  |
| ***DAILY\_RATE\_NUMBER*** | DAILY RATE | yes | Entity-id |  |  |  |  |
| ***DAILY\_RATE*** | DAILY RATE | no | Amount |  |  |  |  |
| ***DAILY\_RATE\_PET\_TYPE*** | DAILY RATE | no |  | CHAR | 1 | D / C |  |
| ***DAILY\_RATE\_DOG\_SIZE*** | DAILY RATE | no |  |  |  |  |  |
| ***DAILY\_RATE\_NUMBER\_OF\_CATS*** | DAILY RATE | no |  | Number | 3 |  |  |

Relationships

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***Parent Entity*** | ***Relationship*** | ***Child Entity*** | ***Deletes*** | | | | |
| ***C*** | ***D*** | ***R*** | ***N*** | ***NA*** |
| Customer | 1:M | Pet |  |  | ***X*** |  |  |
| Pet | M:1 | Customer |  |  | ***X*** |  |  |
| Veterinarian | 1:M | Pet |  |  |  |  | ***X*** |
| Pet | M:1 | Veterinarian |  |  | ***X*** |  |  |
| Pet Vaccination | M:1 | Pet |  |  | ***X*** |  |  |
| Pet | 1:M | Pet Vaccination |  |  | ***X*** |  |  |
| Vaccination | 1:M | Pet Vaccination |  |  | ***X*** |  |  |
| Pet Vaccination | M:1 | Vaccination |  |  | ***X*** |  |  |
| Pet | 1:1 | Dog |  |  | ***X*** |  |  |
| Dog | 1:1 | Pet |  |  | ***X*** |  |  |
| Pet | 1:1 | Cat |  |  | ***X*** |  |  |
| Cat | 1:1 | Pet |  |  | ***X*** |  |  |
| Pet Reservation | M:1 | Pet |  |  |  |  | ***X*** |
| Pet | 1:M | Pet Reservation |  |  |  |  | ***X*** |
| Medication | M:1 | Pet Reservation |  |  |  |  | ***X*** |
| Pet Reservation | 1:M | Medication |  |  |  |  | ***X*** |
| Pet Reservation | 1:M | Kennel Log |  |  |  |  | ***X*** |
| Kennel Log | 1:M | Pet Reservation |  |  |  |  | ***X*** |
| Reservation | 1:M | Pet Reservation |  |  |  |  | ***X*** |
| Pet Reservation | 1:M | Reservation |  |  |  |  | ***X*** |
| Reservation | 1:M | Reservation Discount |  |  | ***X*** |  |  |
| Reservation Discount | 1:M | Reservation |  |  | ***X*** |  |  |
| Discount | 1:M | Reservation Discount |  |  | ***X*** |  |  |
| Discount | 1:M | Pet Reservation Discount |  |  | ***X*** |  |  |
| Pet Reservation Discount | 1:M | Discount |  |  | ***X*** |  |  |
| Pet Reservation Discount | 1:M | Pet Reservation |  |  |  |  | ***X*** |
| Pet Reservation | 1:M | Pet Reservation Discount |  |  |  |  | ***X*** |
| Pet Food | 1:M | Pet reservation |  |  |  |  | ***X*** |
| Pet Reservation | 1:M | Pet Food |  |  |  |  | ***X*** |
| Food | 1:M | Pet Food |  |  | ***X*** |  |  |
| Pet Food | 1:M | Food |  |  | ***X*** |  |  |
| Run | 1:M | Pet reservation |  |  | ***X*** |  |  |
| Pet Reservation | 1:M | Run |  |  | ***X*** |  |  |
| Cat Suite | 1:M | Pet reservation |  |  | ***X*** |  |  |
| Pet Reservation | 1:M | Cat Suite |  |  | ***X*** |  |  |
| Cat Suite | 1:1 | Cat Suite Type |  |  | ***X*** |  |  |
| Cat Suite Type | 1:1 | Cat Suite |  |  | ***X*** |  |  |
| Daily Rate | 1:M | Cat Suite Type |  |  | ***X*** |  |  |
| Cat Suite Type | 1:1 | Daily Rate |  |  | ***X*** |  |  |
| Pet Reservation | 1:M | Pet Reservation Service |  |  | ***X*** |  |  |
| Pet reservation Service | 1:M | Pet Reservation |  |  | ***X*** |  |  |
| Pet Reservation Service | 1:M | Service |  |  |  |  | ***X*** |
| Service | 1:M | Pet Reservation Service |  |  |  |  | ***X*** |
| Service | 1:M | Daily Rate |  |  | ***X*** |  |  |
| Daily Rate | 1:M | Service |  |  | ***X*** |  |  |

***C – Cascade D – Default R – Restrict N – Nullify NA – No Action***

[\*] Datatype, size, default and valid values should be blank if a domain is used.