ENTITY/DEFINITION MATRIX

Team Number: 4

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| **ENTITY NAME** | **BUSINESS DEFINITION** | **SHORT**  **NAME** | **QUANTITY** | | | **Defined**  **by** |
| **Initial** | **Minimum-**  **Maximum** | **Growth**  **Rate** |
| Pet | The dog or cat staying at the kennel. | Pet | **0** | **0-n** | **+1** | petid |
| Owner | The customer responsible for animals. | Own | **0** | **0-n** | **+1** | Ownerid |
| Kennel Card | The documentation containing information on the pet and owner. | card | **0** | **0-n** | **+1** | Cardid |
| Reservations | The transaction between owner and kennel, wherein a pet is boarded at the kennel. | Res | **0** | **0-n** | **+1** | Resid |
| Contract | Documented proof of the reservation and its terms. | Cont | **0** | **0-n** | **+1** | Contracted |
| Kennel Log | Documentation used by kennel employees to store information about the kennel and its residents. | log | **0** | **0-n** | **+1** | logid |
| Runs | An enclosure used to board dogs, offered in different styles. | run | **40** | **0-n** | **+1** | runid |
| Invoice | Receipt and proof of purchase presented to customers that details their contract and payment. | Inv | **0** | **0-n** | **+1** | Invoice-id |
| Services | A special benefit applicable to pets that a customer can purchase. | Serv | 3 | 0-n | +1 | serviceid |
| Cat | One of two possible pets; boarded in the cattery. | cat | 0 | 0-n | +1 | Catid |
| Dog | One of two possible pets; boarded in runs. | dog | 0 | 0-n | +1 | dogid |
| Suite | An enclosur65e used to board cats, offered in different styles. | suite | n | 0-n | +1 | suiteid |
| Discounts | Any special cost reductions owners can be eligible for depending on their contract. | disc | 0 | 0-n | +1 | Discountid |
| Prices | The cost of boarding and services, depending on the owner’s contract. | price | 0 | 0-n | +1 | Priceid |

Since we haven’t yet conducted our interviews, we are still lacking a lot of information, specifically concerning cat suites. We have done our best to implement these missing attributes, but in the end we went more for functionality instead of precision. Hopefully we will be able to modify our ERD to better represent the reality of the system after the interviews.