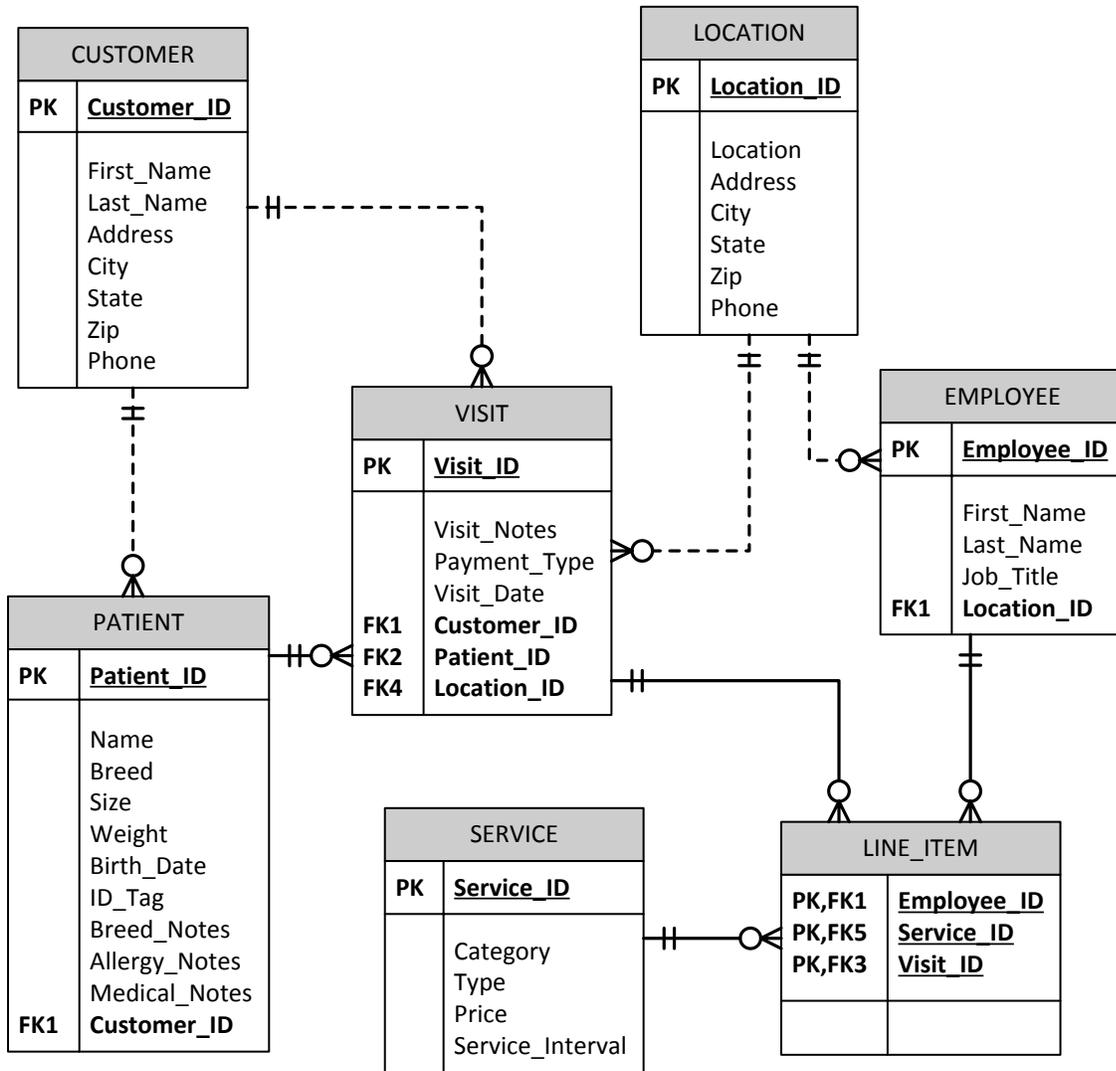


Pooch Parlor Logical Entity Relationship Diagram

Pooch Parlor ERD
 CIS_250_Fall_2013
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| Entity Name | Attribute Name | Definition | Domain Constraints | Referential Integrity Constraints |
|-------------|----------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| CUSTOMER | Customer_ID | The unique identifier for each Customer. | System Assigned. Unique. Numeric (10) | PK (Primary Key) |
| | First_Name | First Name of Customer | Required. Non-unique Char (15) | |
| | Last_Name | Last Name of Customer | Required. Non-unique Char (25) | |
| | Address | Primary Street Address of the Customer | Required. Non-unique. Char (15) | |
| | City | City Where Customer lives | Required. Non-unique Char (25) | |
| | State | State in which customer lives | Required. Non-unique Lookup: State = AL, AK, CA, etc. | |
| | Zip | Zip code for Customer address | Required. Non-unique Numeric (5) | |
| | Phone | Primary contact telephone number for Customer | Required. Non-unique Input Mask: Phone(###)-###-#### | |
| EMPLOYEE | Employee_ID | The unique identifier for each Employee. | System Assigned. Unique. Numeric (10) | PK (Primary Key) |
| | First_Name | First name of Employee | Required. Non-unique Char (15) | |
| | Last_Name | Last Name of Employee | Required. Non-unique Char (25) | |
| | Job_Title | Job Title of Employee | Required, Non-Unique Char (12) Lookup: valid values = "Veterinarian", "Groomer", or "Trainer" | |
| | Location_ID | Location ID of the location the employee works at | Required. Non-Unique FK (LOCATION) | An EMPLOYEE cannot exist without having a related LOCATION record. |

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|-----------|-------------|------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| LINE_ITEM | Employee_ID | Identifier of the Employee that performed the service being sold | Required. Non-unique FK (EMPLOYEE) | CPK (Composite Primary Key) A LINE ITEM cannot exist with having a related EMPLOYEE record. |
| | Service_ID | Identifier of the Service being sold | Required. Non-unique FK (SERVICE) | CPK (Composite Primary Key) A LINE ITEM cannot exist with having a related SERVICE record. |
| | Visit_ID | Identifier of the Visit | Required. Non-unique FK (VISIT) | CPK (Composite Primary Key) A LINE ITEM cannot exist with having a related VISIT record. |
| LOCATION | Location_ID | The unique identifier for each Location. | System Assigned. Unique. Numeric (10) | PK (Primary Key) |
| | Location | Name of the location | Required. Non-unique. Char (15) | |
| | Address | Primary Street Address of the Location | Required. Non-unique. Char (15) | |
| | City | City of the location | Required. Non-unique Char (25) | |
| | State | State of the location | Required. Non-unique Lookup: State = AL, AK, CA, etc. | |
| | Zip | Zip code for location address | Required. Non-unique Numeric (5) | |
| | Phone | Primary contact telephone number for the location | Required. Non-unique Input Mask: Phone(###)-###-#### | |
| PATIENT | Patient_ID | The unique identifier for each Dog. | System Assigned. Unique. Numeric (10) | PK (Primary Key) |
| | Name | The name given by the dog's owner. | Required. Non-unique. Char (25) | |

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| | Breed | A description of the dog's breed or type of identifying markings | Optional. Notes field. Default value: "Mut" | |
| | Size | The size of the dog which determines the price of the service performed | Required. Char (10) Valid Values = Large, Med., Small, Toy, etc | |
| | Weight | Weight of the dog at the date of last service | Required. Numeric (3) | |
| | Birth_Date | Date of the dogs birth | Required. Non-unique Input Mask: Date mm/dd/yyyy | |
| | Allergy_Notes | A description of any known allergies | Optional. Notes field. Char (80) | |
| | Medical_Notes | A description of medical notes | Optional. Notes field. Char (80) | |
| | Customer_ID | The owner of the dog. | Required. FK (CUSTOMER) | A PATIENT record cannot exist without a CUSTOMER Record |
| SERVICE | Service_ID | The unique identifier for each Service. | System Assigned. Unique. Numeric (10) | PK (Primary Key) |
| | Category | The general category to which each service belongs | Required, Non-Unique Char (9) Lookup: valid values = "Grooming", "Veterinary", or "Daycare" | |
| | Type | A more precise description of the service | Required, Non-Unique Char (20) Lookup: valid values = "shampoo/blow | |

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| | | | dry", "trim", "vaccination", "surgery", "teeth cleaning", etc. | |
| | Price | Price of the service sold | Required, Non-Unique Numeric (6). Values USD | |
| | Service_Interval | The recommended time interval between service | Required, Non-Unique Char (20) Lookup: valid values = "N/A", "bi-monthly", "monthly", "bi-annually", "annually", etc. | |
| VISIT | Visit_ID | The unique identifier for each Visit. | System Assigned. Unique. Numeric (10) | PK (Primary Key) |
| | Visit_Notes | A description of the visit | Optional. Notes field. Char (80) | |
| | Payment_Type | The type of payment method a customer has chosen | Required, Non-Unique Char (11) Lookup: valid values = "credit card", "check", or "cash" | |
| | Visit_Date | Date of the Patients Visit | Required. Non-unique Input Mask: Date mm/dd/yyyy | |
| | Customer_ID | The owner of the dog. | Required. FK (CUSTOMER) | A VISIT record cannot exist without a CUSTOMER Record |
| | Patient_ID | The dog that was brought in for the visit | Required. FK (PATIENT) | A VISIT record cannot exist without a PATIENT Record |
| | Location_ID | The Location of the visit | Required. FK (LOCATION) | A VISIT record cannot exist without a LOCATION Record |