**Dapper Dog Salon Database Design Document**

**Version 1.0 Revision 15**

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# Purpose

# This Database Design Documentation (DBDD) is to keep track of everything that happens on the business process from the Drapper Dog Salon. As the business pride themselves to ensure that every dog go through salon, and leave with a better looking, with a wagging tail of satisfaction, so it is important to document the amount of dog being cleansing through this entire process within an organized database.

# Narrative

Dapper Dog Salon is a pet salon located in the Tampa Bay area that serves many customers every day. They pride themselves on ensuring that every dog that visits their shop leaves looking better and smelling cleaner, with a wagging tail of satisfaction. The Salon wants to design a database to track the business process described below.

Dapper Dog Salon tracks their customers (dog owners). They register each customer to keep their information up to date and to have the ability to contact customers. The Salon tracks each customer’s name, address, phone number, email.

The Salon also tracks each dog’s name, breed, temperament, date of birth, and age. Dogs are owed by customers. A customer can have more than one dog. A dog can be picked up by a customer or an authorized family member. Family members are registered to a customer for pickup permission which allows them to access their family’s dog(s) at the salon.

The Salon purchases products from wholesale groomer supply stores. The product information is tracked by product number and the product description such as shampoo, styling tools, bows, nail clippers, combs, and other similar items.

The Salon has a list of wholesale groomer supply stores that they purchase from. The orders come directly from the supplier. They track the name, address, and phone number of the supplier. Some suppliers offer more than one item and some items come from more than one supplier.

The Salon provides services that customers select for their dogs to receive. The services are tracked by type and description of service. The Salon wants to track which products are used for which service so they can be efficient in product ordering. Some services use no products, while other services may use more than one. A product may have multiple uses for different services. They also want to track which employees provide which services to which dogs on which dates. Services offered such as washes, haircuts, hair styles, nail trimming, nail painting, and flea treatments. Customers have the option to arrange a set of preferred services for their dog that are automatically performed whenever a dog is dropped off.

The Salon maintains simple employee information: name, address and phone number. An employee may perform one or more services for a dog.

## Requirements (Actors and Roles)

Customers: register their information, own one or more dog select and schedule services for their dogs, authorize family members for dog pickup, provide feedback on services received.

Dogs: have their breed, temperament, age, and other details tracked, administer treatments.

Family members: authorized by customers to pick up dogs, may interact with salon staff regarding the care and services of the dog.

Suppliers: Provide grooming and care products to the salon, Managed based on the supply of products and reliability.

Products: providing grooming services, tracked by number and description for inventory and service usage.

Employees: perform grooming and care services for dogs, may specialize in specific services or handle a variety of tasks, interact with customers and manage their appointments and preferences.

Service: Various grooming and care options offered to the dogs (e.g., washing, haircuts, styling), linked to specific products used and employees performing them.

# Entities

* Customers
* Dogs
* Family Members
* Products
* Suppliers
* Services
* Employees

## Entities w/ Nested Attributes

* Customer
* Name
* Address
* Phone Number
* Email
* Medical Specialties
* Dog
* Name
* Breed
* Temperament
* Date of Birth
* Age
* Family Member
* Bed ID
* Size
* Type
* Product
* Product Number
* Description
* Supplier
* Name
* Address
* Phone Number
* Service
* Type
* Description
* Employees
* Name
* Address
* Phone Number

# Business Rules

Customer: A customer can own multiple dogs, but each dog is owned by only one customer. Customers must register their personal information (name, address, phone number, email) in the database.

Dog: Each dog can receive multiple services. Customers can set a preferred set of services for their dog, which are automatically performed whenever the dog is dropped off.

Family Member: Customers can authorize one or more family members to pick up their dogs. Authorized family members must be registered in the system linked to the respective customer.

Service: Services may use multiple products, and a single product may be used for multiple services. The salon tracks which products are used for each service to manage inventory and ordering efficiently.

Supplier and Product management: Each product is supplied by at least one supplier, and suppliers can provide multiple products. The salon tracks supplier information (name, address, phone number) and orders directly from them.

Employee: Employees are responsible for providing various services to dogs. The database tracks which employees provide which services to which dogs, including the dates of service.

**ERDS**



EERDS

