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**Dapper Dog Salon ERD and EERD**

**Submittal Date: 05//2020**

**ISM 4212: Database Design/ Administration**

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# **Purpose**

The purpose of this database Design Documentation (DBDD) is to keep track of everything that happens between when the customers drop off their dog at Dapper Dog salon to the salon ordering the products for each service provided. As each service uses different products, its important to document the amount of each product that will be used for each service within an organized database.

# **Narrative Summary**

Dapper Dog Salon is a pet salon located in the Tampa Bay area that serves many customers every day. The Salon wants to track the business starting with customers dropping off their pets and ending with ordering the correct amounts of products used for the services they provide.

Customers are tracked by name, address, phone number, and their email. Customers can have their dog picked up by a registered family member. Customers select the services that they want the salon to perform on their dogs.

The salon purchases products from their groomer suppliers directly, the products are tracked by product number and product description. When they order products from a supplier, they track the orders by name, address, and phone number. Some suppliers offer more than one item and some items come from more than one supplier.

The salon tracks the employees by name, address, and phone number. Along with what services they provide to which dogs on which dates. They track what services are selected by type and description in order to keep track of products used. Some services use no products while other services may use more than one. A product may have multiple uses for different services.Requirements (Actors and Roles)Customers: A customer can have more than one dog

Family members: A dog can be picked up by a customer or an authorized family member

Dog: Dogs are owed by customers.

Service: Some services use no products, while other services may use more than one.

Employee: which employees provide which services to which dogs on which dates.

Product: A product may have multiple uses for different services.

Supplier: The orders come directly from the supplier. Some suppliers offer more than one item and some items come from more than one supplier.

# **Entities**

* Customers
* Family members
* Dog
* Service
* Employee
* Product
* Supplier

# **Entities w/ Nested Attributes**

* Customers
* Customer ID
* Name
* Address
* Phone number
* Email
* Family members
* Family ID
* Name
* Dog
* Name
* Breed
* Temperament
* Date of Birth
* Age
* Service
* Service ID
* Description
* Type
* Employee
* Employee ID
* Name
* Address
* Phone number
* Product
* Product ID
* Description
* Supplier
* Supplier ID
* Name
* Address
* Phone number

# **Business Rules**

Customers: A customer can have more than one dog

Family members: A dog can be picked up by a customer or an authorized family member

Dog: Dogs are owed by customers.

Service: Some services use no products, while other services may use more than one.

Employee: which employees provide which services to which dogs on which dates.

Product: A product may have multiple uses for different services.

Supplier: The orders come directly from the supplier. Some suppliers offer more than one item and some items come from more than one supplier.

# **ERD**



# **EERD**

