

Table: **FamilyMember**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
CustomerID	FK; Customer ID number	Int							Y	
FamilyMemID	PK; Unique family member ID number	Nvarchar	50	Y						Y
Name	Family Member Name	nvarchar	50							

Table: **Customer**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
CustomerID	PK; Customer ID number	Int		Y	Y					Y
FirstName	Customer's First Name	Nvarchar	50						Y	
LastName	Customer's Last Name	nvarchar	50						Y	
Street	Street Address of the customer	nvarchar	100						Y	
City	Customer's City	Nvarchar	50						Y	
State	Customer's State	Char	2			FL		[State] LIKE '[A-Z][A-Z]'	Y	
Zip	Customer's zip code	Char	5					[Zip] LIKE '[0-9][0-9][0-9][0-9]'	Y	
Phone	Customer's phone number	Char	20			None provided		([Phone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [phone] like '[n][o][n][e][p][r][o][v][i][d][e][d]')	Y	
Email	Customer's email address	nvarchar	50						Y	

Table: Dog

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
DogID	PK; DogID number	Int		Y	Y					Y
Name	Dog's Name	Nvarchar	50						Y	
Breed	Breed of the dog	nvarchar	50						Y	
Temper	Temperament of the dog	nvarchar	100						Y	
DOB	Dog's date of birth	date							Y	
Age	Age of the dog							CHECK(Age>=0)	Y	
CustomerID	CustomerID number	int								

Table: Service

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
ServiceID	PK; ServiceiD Number	Int		Y	Y					Y
Descrip	Description of the service	Nvarchar	150						Y	
price	Price of the service	decimal	10,2						Y	

Table: ServiceProvided

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
TransactionID	PK; Unique Transaction ID NUmber	Int		Y	Y					Y
Date	Date the service was provided	date							Y	
DogID	FK; Dog ID Number	Int								
EmployeeID	FK; Employee ID Number	Int								
ServiceID	FK; Service ID Number	Int								

Table: **Employee**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
EmployeeID	PK; Employee ID number	Int		Y	Y					Y
FirstName	Employee's First Name	Nvarchar	50						Y	
LastName	Employee's Last Name	nvarchar	50						Y	
Street	Street Address of the employee	nvarchar	100						Y	
City	Employee's City	Nvarchar	50						Y	
State	Employee's State	Char	2			FL		[State] LIKE '[A-Z][A-Z]'	Y	
Zip	Employee's zip code	Char	5					[Zip] LIKE '[0-9][0-9][0-9][0-9]'	Y	
Phone	Employee's phone number	Char	20			None provided		(([Phone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [phone] like '[n][o][n][e][p][r][o][v][i][d][e][d]'))	Y	
Email	Employee's email address	nvarchar	50						Y	

Table: **Product**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
ProductID	PK; Product ID Number	Int		Y	Y					Y
Name	Name of the product	nvarchar	100						Y	
Descrip	Description of the product	Nvarchar	150						Y	
UnitsOnHand	Quantity of the product on hand	int						CHECK(UnitsOnHand>=0)	Y	
CostPerUnit	Cost per unit of the product	decimal	10,2					CHECK(CostPerUnit>=0)	Y	

Table: **Order**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
OrderNo	PK ; Unique order number	Int		Y						Y
dateOrdered	Date when order was ordered	Date							Y	
dateArrived	Date when order arrived	Date							Y	
Quantity	Quantity of items ordered	Int						CHECK(Quantity>=0)	Y	
SupplierID	FK ; Reference to supplier's identifier	Int								
ProductID	FK ; Reference to product's identifeier	Int								

Table: **Supplier**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
SupplierID	PK ; Supplier ID number	Int		Y	Y					Y
Name	Supplier's Name	Nvarchar	50						Y	
Street	Street Address of the Supplier	nvarchar	100						Y	
City	Supplier's City	Nvarchar	50						Y	
State	Supplier's State	Char	2			FL		[State] LIKE '[A-Z][A-Z]'	Y	
Zip	Supplier's zip code	Char	5					[Zip] LIKE '[0-9][0-9][0-9][0-9]'	Y	
Phone	Supplier's phone number	Char	20			None provided		(([Phone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [phone] like '[n][o][n][e][p][r][o][v][i][d][e][d]'))	Y	