Database Model

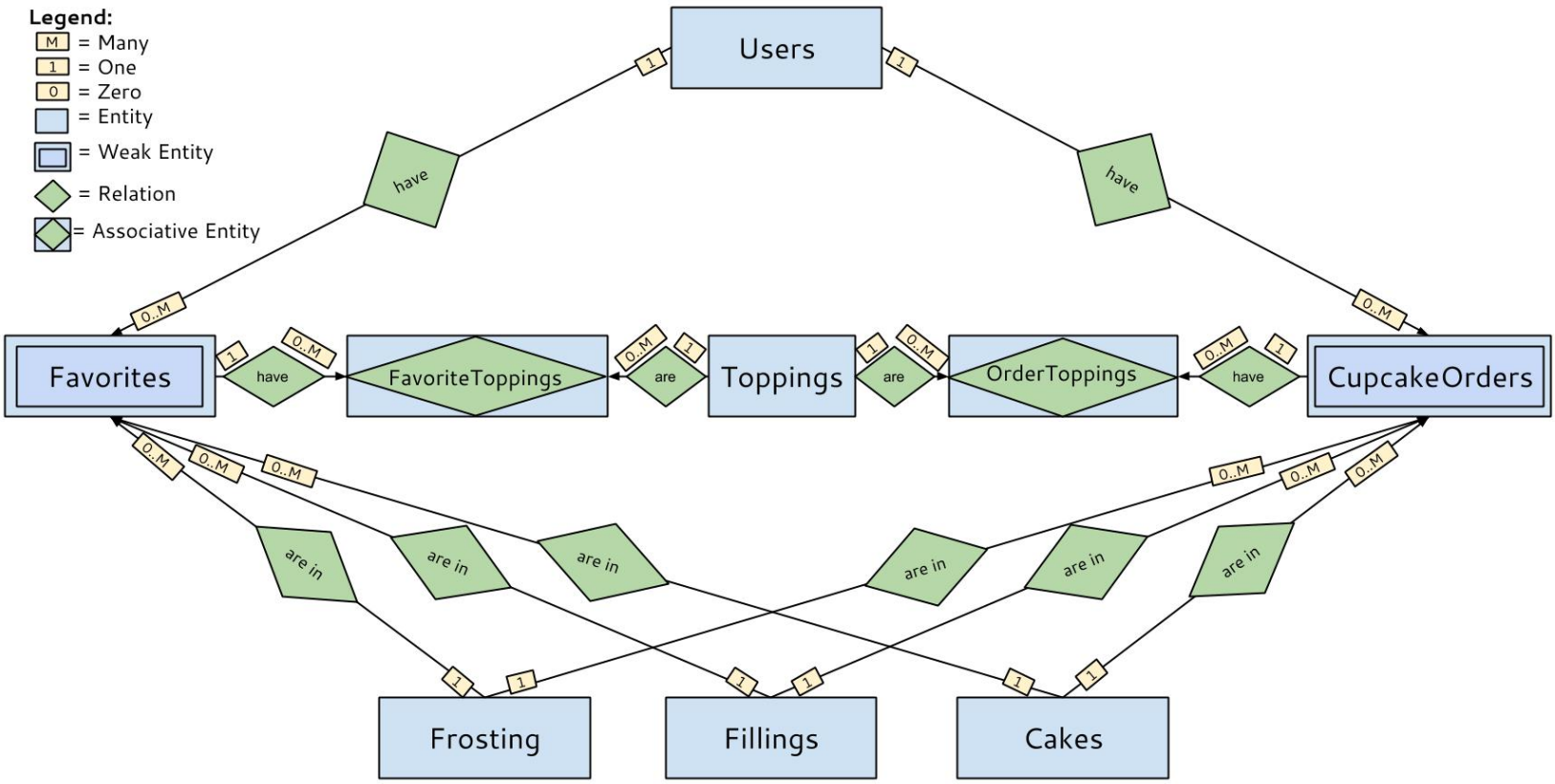
Legend:	Primary key ♚	Foreign Key ✦	Can be Null □	Can't be Null ■

Entity	Attributes
Users	♚ UserID INT
	■ MailingList BOOLEAN
	■ LastName VARCHAR(50)
	■ FirstName VARCHAR (50)
	■ Email VARCHAR(100)
	■ Password VARCHAR(64)
	■ PhoneNumber VARCHAR(12)
	■ Address VARCHAR (100)
	■ City VARCHAR (50)
	■ State VARCHAR (50)
	■ ZipCode INT
	■ Privilege BOOLEAN
Favorites	♚ FavoriteID INT
	✦ UserID INT
	✦ CakeID INT
	✦ FillingID INT
	✦ FrostingID INT
	■ Name VARCHAR (50)
CupcakeOrders	♚ OrderID INT
	✦ UserID INT
	■ Quantity INT
	✦ CakeID INT
	✦ FillingID INT
	✦ FrostingID INT
OrderToppings	♚ OrderToppingsID INT
	✦ OrderID INT
	✦ ToppingsID INT

Database Model Continued

Legend:	Primary key ♚	Foreign Key ✦	Can be Null □	Can't be Null ■

FavoriteToppings	♚ FavoriteToppingsID INT
	✦ FavoriteID INT
	✦ ToppingsID INT
Cakes	♚ CakeID INT
	■ Flavor VARCHAR(50)
	■ Img_url VARCHAR(100)
Fillings	♚ FillingID INT
	■ Flavor VARCHAR(50)
	■ Rgb VARCHAR(10)
Frosting	♚ FrostingID INT
	■ Flavor VARCHAR(50)
	■ Img_url VARCHAR(100)
Toppings	♚ ToppingsID INT
	■ Flavor VARCHAR(50)


Legend:
M = Many
1 = One
0 = Zero
= Entity
= Weak Entity
= Relation
= Associative Entity
Users
have
have
Favorites
FavoriteToppings
Toppings
OrderToppings
CupcakeOrders
are
are
are in
Frosting
Fillings
Cakes