

Matt Borek, Chris Gorczowski, David Soh, James Yahnke

Z1951125, Z1925422, Z1922762, Z1926968

CSCI 466 – 1

The **DRINKS** entity represents a drink that is being sold on the website. It has the following attributes: NAME, TYPE, CATEGORY, FLAVOR, PRICE, STOCK, DESC, QUOTE, INGRED

The NAME attribute represents the name of the drink and is the identifier (primary key).

The TYPE attribute represents the type of drink it is.

The CATEGORY attribute represents which category the drink falls under.

The FLAVOR attribute represents the flavor of the drink.

The PRICE attribute represents the standard price of a given drink.

The STOCK attribute represents the amount of the drink currently in stock and orderable. This attribute allows the staff to see how many of each drink is left in inventory.

The DESC attribute holds a unique description for each drink for use in populating the drink profile.

The QUOTE attribute holds a unique tagline for each drink used in the main drink selection pages and the drink profile.

The INGRED attribute holds a short line describing the chemical makeup of a drink and the method it was prepared. It's used for populating the drink profile.

The **ORDERS** entity represents the order summary from a customer. It has the following attributes: ORDER\_NUM, COST, CUS\_NAME, CUS\_ADDRESS, CUS\_EMAIL, STATUS, TRACKING, NOTE

The ORDER\_NUM attribute is a unique number assigned to each order and is the identifier (primary key). This can be used to view a given customer's order information on the website.

The COST attribute represents the total cost of all the drinks being ordered.

CUS\_NAME, CUS\_ADDRESS, and CUS\_EMAIL are attributes that represent the customer's name, physical address, and email address respectively. These will be used by the employees to contact the customers and ship the orders.

The STATUS attribute represents the current status of the order. This will be either "PROCESSING", "CONFIRMED", "SHIPPED", "COMPLETED", or "CANCELLED".

The TRACKING attribute is a number that can be used to track where the order currently is.

The NOTE attribute allows for store employees to add notes to a given order.

The **DRINKS** entity and the **ORDERS** entity have a **HAS** relationship. This is a many-to-many relationship because an order can contain many drinks and a drink can be a part of many orders.

This HAS relationship has one attribute of intersectional data called QTY. This attribute represents how many of each given drink are in the order.