Restaurant Chain Database

# Topic:

What would the model of a restaurant chain database look like?

# Question 1

What is the process a customer goes through when going to a restaurant?

1. A customer walks into the door and is greeted by a host.
2. The host takes down how many people will be seated, and potentially the name of the customer.
3. The host takes the customer(s) to the table they will be seated at.
4. After some short time, the waiter/waitress comes by to take your drink and food order. For simplicity, lets assume drinks and food will be on the same bill. Separate bills should be supported.
5. The host takes the order to the kitchen.
6. The order contains the items.
7. The chefs prepare the items from the order.
8. The waiter takes the items to the customers.
9. The waiter calculates the bill by entering the order details.
10. The waiter brings the bill to the customer.
11. The customer pays the bill.

# Question 2

What will the entities and attributes be?

1. Customer
   1. Name
   2. Customer of the Day
   3. Table number
   4. Phone number (if reward member)
2. Waiter
   1. Name
   2. ID number
3. Order
   1. Order number
   2. Number of items
4. Item
   1. Item name
   2. Price
   3. Quantity
5. Chef
   1. Name
   2. ID number
6. Bill
   1. Bill number
   2. Price
   3. Payment method
7. Host??

Relationships?

1. Customer places Order
2. Order contains Items
3. Chef prepares Items
4. Waiter delivers Order
5. Customer pays Bill

# Post-Discussion