/**
@Authors: Gina Chang && Hyeonseok Oh
@Description: this data base description models the needs of Restaurant Owner to know table occupancy at all time
@Version: July 19th, 2018
*/

Description Restaurant Table database:

- A chained_restaurant is identified by chain_number.
- A chained_restaurant has an address and a contact number
- A chained_restaruant has a start_date

- Many Employees work for a chained_restaurant
- Each Employee is identified by EmployeeID and is recorded for EmployeeName: first name, middle initial, last name, Social Insurance Number, contact number and categorized by JobType: FrontOfHouse, FrontOfHouseTeamLead, Bar, Manager
  - Assuming guests is only served by only a member of FrontOfHouse

- A FrontOFHouse Memember is responsible for serving tables assigned to him/her

- Each customer is identified by customer_ID
- A customer's name and requested seat number is taken so that a table can be assigned to him/her/them
- A customer may phoned in advance to make reservation for a table with specific amount of seats
- A reservation is identified by reservation number, and includes date, start_time, end_time, status of on_hold, no_show, or cancelled

- Each Table is identified by its ID, type: Lounge, Bar, Booth, or Patio, and number of seats
- Each Table has a service_time that includes start_time, end_time, and in_use
- Each Table is associated with a Customer and a FrontOfHouseMember
- Each Table can be reserved by a reservation

- A Bill is issued by a FrontOfHouse member
- A bill or bills is associated with a table
- A bill is associated with a guest or a party of guests
- A bill contains a tip amount
- A bill may be an associate with a reservation
- A bill includes a date and time