Entities:

1. Employee
2. Chef
3. Waiter
4. Shipper
5. Manager
6. Customer
7. Table
8. Order
9. Item
10. Recipe
11. Ingredient
12. Storehouse

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Employee
   1. Employee\_id ID
   2. SSN NCHAR Social security number
   3. first name NVARCHAR
   4. last name NVARCHAR
   5. birth\_date DATE
   6. address NVARCHAR
   7. phone number NCHAR
   8. gender INT
   9. resume TEXT
   10. bank\_account\_number NCHAR
   11. started\_at DATE Starting date at work
   12. role NVARCHAR Shipper | Chef | Waiter | Manager
   13. status INT
2. Chef
   1. chef\_id ID
   2. employee\_info EMPLOYEE Personal info of each chef
   3. uniform\_size INT
3. Waiter
   1. waiter\_id ID
   2. employee\_info EMPLOYEE Personal info of each waiter
   3. uniform\_size INT
4. Shipper
   1. shipper\_id ID
   2. employee\_info EMPLOYEE Personal info of each shipper
   3. vehicle\_model VARCHAR
   4. vehicle\_plate\_number NVARCHAR
5. Manager
   1. manager\_id ID
   2. employee\_info EMPLOYEE Personal info of each shipper
   3. username NVARCHAR
   4. password NVARCHAR
   5. responsibility VARCHAR
6. Customer
   1. customer\_id ID
   2. firstname NVARCHAR
   3. lastname NVARCHAR
   4. phone\_number INT
   5. address NVARCHAR
7. Table
   1. number ID id of a table
   2. capacity INT
   3. status INT reserved | empty | full
8. Order
   1. order\_id ID
   2. customer\_id ID The customer who ordered
   3. shipper\_ssn ID The shipper responsible for this order
   4. waiter\_ssn ID The waiter responsible for this order
   5. table\_number INT
   6. ordered\_at DATE
   7. discount INT
   8. status INT
   9. payment INT
   10. order\_type INT dine In | take away
9. Item
   1. Item\_id ID
   2. title NVARCHAR
   3. price INT
   4. category NVARCHAR
   5. description TEXT
   6. cooking VARCHAR
   7. amount INT
10. Recipe
    1. recipe\_id ID
    2. instructions TEXT
11. Ingredient
    1. ID ID
    2. name VARCHAR
    3. unit VARCHAR for example Kg, L, …
    4. type VARCHAR for example vegetable, meats, grains, …
12. Storehouse
    1. Id ID
    2. address NVARCHAR
    3. manager NCHAR The manager who’s responsible for this storehouse