**RESTAURANT MANAGEMENT DATABASE**

PLEASE NOTE: **TABLEs IN RED; KEYS IN BLACK.**

**List of tables:**

1. **ITEM**
   1. **ITEM\_TYPE** (i.e. FOOD, BEVERAGE, SERVICE, DELIVERY)
      1. **SERVICES** (i.e. ID, NAME):
         1. **S\_NAME** (i.e. ID, RESERVATION, DELIVERY, WAITER\_TIP)
            1. **DELIVERY** (i.e. ID, TYPE, DISTANCE):

**D\_TYPE** (ID, EXPRESS, REGULAR)

**D\_DISTANCE** (ID, SHORT, MIDDLE, LONG)

* + 1. **FOOD\_TYPE** (i.e. MEAT, SEAFOOD, DAIRY\_PRODUCT, FRUIT, VEGETABLE, GRAIN, PASTA):
       1. **MEAT\_NAME** (i.e. TURKEY, CHICKEN, BEEF, PORK, LAMB)
       2. **SEAFOOD\_NAME** (i.e. OCTOPUS, OYSTERS, SCALLOPS, MUSSELS, CLAMS)
       3. **DAIRY\_PRODUCT\_NAME** (i.e. MILK, BUTTER, CHEESE, ICE\_CREAM, YOGURT)
       4. **FRUIT\_NAME** (i.e. APPLE, BANANA, CHERRY, KIWI, PEACH)
       5. **VEGETABLE\_NAME** (i.e. CABBAGE, BROCCOLI, ONION, TOMATO, POTATO)
       6. **GRAIN\_NAME** (i.e. RICE, CORN)
       7. **PASTA\_NAME** (i.e. SPAGETI, LASAGNETTE, FIORI)
    2. **BEVERAGE\_TYPE** (i.e. ALCOHOLIC, NON\_ALCOHOLIC):
       1. **NON\_ALCOHOLIC**:
          1. *TEA*
          2. *COFFEE*
          3. *CHOCOLATE*
          4. *CIDER*
          5. *SODA\_WATER*
          6. *MINERAL\_WATER*
          7. *COCA\_COLA*
          8. *JUCE*

***JUCE\_TYPE*** (i.e. JUCE\_ID, APPLE\_J, BANANAS\_J, CHERRY\_J, KIWI\_J, PEACH\_J)

* + - 1. **ALCOHOLIC**:
         1. *BEER*
         2. *WINE*
         3. VODKA
         4. WISKI
  1. **PRICE** (i.e. ID, ITEM\_TYPE (FOOD/BEVERAGE), ITEM\_SUBTYPE(i.e. MEAT, ALCOHOLIC, etc), SUBTYPE\_NAME (i.e. TEA, CHEES, BANANA), ITEM\_PRICE)
  2. **ITEMS\_IN\_STORAGE** (i.e. STORAGE\_ID (refers to a specific branch), ITEM\_ID, QUANTITY, MIN\_Q, MAX\_Q, )

1. **RESTAURANT\_BRANCHES** (i.e. ID, BRANCH\_NAME, NUMBER\_OF\_TABLES)
2. **RESTAURANT\_STAFF** (i.e. POSITION, EMPLOYEE\_ID, BRANCH\_ID):
   1. **POSITIONS** (i.e. DELIVERY\_BOYS, CHEF, CHEF\_ASSISTANT, WAITER, CASHIER, CLEANER, MANAGER)
   2. **STAFF\_LIST** (i.e. ID, F\_NAME, L\_NAME, STATUS)
   3. **STATUSES** (i.e. ACTIVE, ON\_VACATION, FIRED)
   4. **~~DELIVERY\_BOYS (i.e. ID, F\_NAME, L\_NAME)~~**
   5. **~~CHEFS (i.e. ID, F\_NAME, L\_NAME)~~**
   6. **~~WAITERS (i.e. ID, F\_NAME, L\_NAME)~~**
   7. **~~CLEANERS (i.e. ID, F\_NAME, L\_NAME)~~**
   8. **~~MANAGERS (i.e. ID, F\_NAME, L\_NAME)~~**
3. **RESERVATIONS** (i.e. ID, DATE, TIME, NUM\_OF\_PERSONS, CLIENT\_ID, BRANCH)
4. **ENTITY\_TYPE** (ID, CUSTOMER, EMPLOYEE, SUPPLIER)
5. **SUPPLIERS** (i.e. ID, NAME)
6. **ADDRESSES** (i.e. ENTITY\_ID, STREET\_NAME, STREET\_NUMBER, POST\_CODE, CITY, PROVANCE, ENTITY\_TYPE):
   1. **~~ENTITY\_TYPE~~** ~~/~~ **~~ID~~** ~~(CUSTOMER, EMPLOYEE, SUPPLIER) ?????~~
7. **PHONES** (ENTITY\_ID, ENTITY\_TYPE, PHONE\_TYPE, NUMBER, ENTITY\_TYPE):
   1. **PHONE\_TYPE** (CELL\_PHONE, LAND\_LINE)
   2. **~~ENTITY\_TYPE~~** ~~/~~ **~~ID~~** ~~(CUSTOMER, EMPLOYEE, SUPPLIER) ?????~~
8. **ORDERS** (i.e. ID, ORIGINAL\_DATE, LAST\_CHANGE\_DATE, ORDER\_TYPE, ORDER\_STATUS, TOTAL):
   1. **ORDER\_TYPE** (i.e. TELEPHONE, INTERNET, ONSITE)
   2. **ORDER\_LIST** (i.e. ITEM\_ORDERED, QUANTITY)
   3. **ORDER\_STATUS** (i.e. NEW, CANCELED, DELIVERED, INPROCESS)
9. **TRANSACTIONS** (i.e. ID, TRANSACTION\_STATUS, TRANSACTION\_TYPE, ORDER\_ID, TRANSACTION\_TOTAL):
   1. **TRANSACTION\_TYPE** (i.e. CASH, CREDIT, PAYPAL)
   2. **TRANSACTION\_STATUS** (i.e. NOT\_PAYED, INPROCESS, PAYED)
10. **CUSTOMERS** (i.e. ID, F\_NAME, L\_NAME, ADDRESS, TEL\_NUM, CEL\_NUM)