

## *Tiger Supples For General*

TigerSup is a general supplier company that works specifically in providing hotel supplies like towels, shampoo, food supplies, etc. The company has several branches in several cities, and the company wants to create a central database for all its 2 branches and client hotels considering the following conditions:

- 1- Each office has a unique code, a phone number, an address, and may include at least 4 employees with a manager.
- 2- Each employee has an ID number, name, phone, address. An employee should work in only one office.
- 3- Each office has at least one store to manage.
- 4- Each Store has a code, address and a store must have a supervisor and at least one employee to serve in it which are counted as part of the managing office team.
- 5- The store receives orders from the office that is responsible for managing the goods to get to client hotels as well as dealing with factories to get supplies from there.
- 6- The store must report its status (amount) of needed goods back to their office as well as the dates.
- 7- The database must include the supplying factories data: Name, product, address, contact person, phone.
- 8- Each office deals with at least one hotel that it buys its supplies from the company so the data must include all the hotels' names, addresses, phone, contact person and each hotel is given an ID in the database.

# Mapping

## Mapping:

**Office** (Office\_code, Off\_phone, Address, Mang\_Emp\_ID)

**Employees** (Emp\_ID, Emp\_Name, Emp\_Address, Emp\_phone, Emp\_Off\_code)

**Store** (Store\_Address, Sup\_Emp\_ID, Res\_Off\_Code, Store\_phone)

**Hotel** (Hotel\_Name, Hotel\_ID, Hotel\_address, Hotel\_phone)

**Factories** (Factory\_Name, Factory\_Product, Factory\_cont\_person, Factory\_phone, Address)

**Hotel\_Officd\_Deal** (Hotel\_ID, Office\_code, date, store\_code, Pay\_id)

**Fac\_Offic\_Deal** (Fact\_name, Shipment\_Type, Receiving\_Off\_code, date, Store\_code, Payment\_Details)

**Off\_Order\_Store** (Rec\_ship\_type, Reci\_Date, Fact\_name, Supp\_goods, Sup\_to\_hotel, Supp\_date, store\_code, office\_code)

**Report** (Off\_Code, Needed\_Goods, store\_code)