

Case 1: PiizaHot

Your client is a local fast food restaurant - PizzaHot. The background story is as below: PizzaHot is a local restaurant serving the community and bringing people happiness. Recent years, PizzaHot is adopting a franchising strategy and is moving towards a chain-restaurant in the State. A database system for Inner Management is crucial for the expansion of the business

- Stores: *StoreID, StoreName, Location, Contact.
- Employees: *EmployeeID, SSN, name, gender, DoB, position, salary, AffiliateStore.
- Vendors: *VendorName, Address, ContactPerson.
- Products: *Name, Price, Quantity, Description.

ER Model

- A store may have many employees; and one employee must work for one store.
- A store may sell many products, and each product can be sold at many stores.
- A product must belong to one and only one vendor; and a vendor may provide one or more products.
- An employee must be supervised by another employee; and an employee may supervise many other employees.

