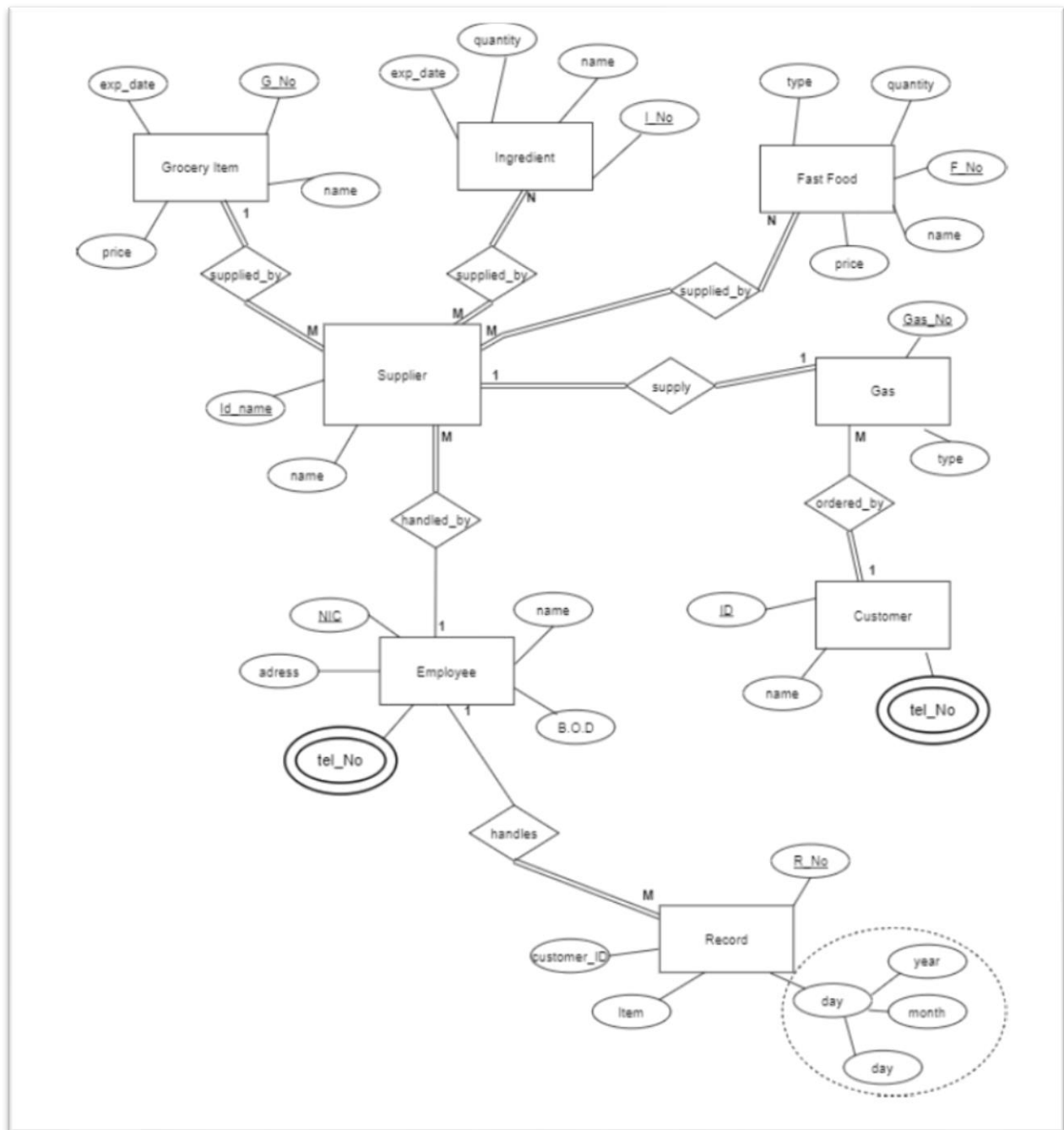


## ER diagram



## **Scenario**

Kavindu restaurant & grocery is well organized shop in Moratuwa, katubedda. The following information is about how it's organized and it shows how this shop works.

- Kavindu restaurant several Suppliers and they need to keep track on those suppliers by storing their information like Id No and name.
- And these suppliers supply four kinds of products they are, Grocery Items, Ingredients, Fast Food and gas. And they have store information about these each product. And also these products are gained by mostly more than one supplier.
  - Grocery Items have expire date, grocery number, name and price.
  - Ingredients have a expire date, quantity, name and ID number.
  - This restaurant sales meals and fast food among them fast food(buns, cakes etc.. ) need to stored according to type, name, price, quantity and food id.
  - This shop also deals Gas cylinders information's stored as gas No and type.
  - A Supplier can only supply one Gas type or grocery item.
- Gas needed to pre ordered by Customers, So customers need to be stored. According to ID, name and Tel numbers.
- Suppliers are handled by Employees, employees are Stored as NIC number, name, address, Tel numbers and birth day number. Mostly one Supplier is handle by a particular employee but one employee sometimes handle more than one supplier. And also these employees handles Records these records are very important because those records holds all the transaction of the shop. These records are stored under net worth, item, day(year, month, day) and customer ID. One Employee can interfere to handle many record but one record is handle by one employee that assign to it.