**Electronic Appliances’ Shop**

This shop is vendor to another shop. It can purchase the product from more than one vendor and can supply to only one of that another shop.

For a shop, shop’s name,shop’s location, shop’s dimensions are needed to be stored.

The shop contains more than one product. All of the products of the shop belong to the owner of the shop. Each product is made by a company. There may be more than one type of products of the same company. The shop may have no product of a particular company. Each product has its bar code. There may be no product that has more than one bar code. Same products have same bar codes.

For a product, rpoduct name,product code, product type is to be stored.

The product has its price. There is no such product that does not have price. Every product may have more than one price.

Price of the product may be retail price or a whole sale price.

The owner has hired the employees. There is no such employee that is not hired by the owner. There can be more than one employee hired by the owner. There is no such employee who is not working on the shop. Every employee has its employee number. There is no such employee who has more than one employee number.

For an employee, employee’s name, employee’s id, employee’s address is to be stored.

An employee may be working on daily basis or on the monthly basis. For daily basis employee, employee’s id and employee’s daily wage is to be stored. For monthly employee, employee’s id and employee’s monthly pay is to be stored.

The shop has its customers or buyers. The shop has one or more than one customer. There is no such buyer that does not pay the price. There may be some customers who do not purchase any product. There may be more than one buyer.

For a customer, customer’s name, customer’s contact number and customer’s address is needed to be stored.

A customer may be a regular or occasional or a new customer. For regular customer, discount rate is needed to be stored if discount is given.