**Super Shop Management System V1.0**

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Click here for: [GitHub Repository](https://github.com/NAI-Inc/SuperShopV1.00)

**Database Scenario:** A super shop have inventory to store various products. Products are identified by products\_id, barcode, products\_name, products\_type, products\_price, count. Shop have many club customers identified by customer\_id, customer\_name, cutomer\_address, phone. There is a salesman who can sales products to customer. Salesman have id, name. There is a admin who can modify any changes. Every customer has issued a bill. Bill is identified by bill\_id, issue\_date, customer\_name,discout, payment\_method, phone, total bill. A shop has sales report where for profit loss count. Sales Report is identified by report\_id, issuedate, totalincome, profit, loss.

**Tables:**

Products: Id(int) Primary key, Product\_Barcode, Products\_name(varchar50), product\_price(number), product\_type(varchar) product\_count(int).

Club Customer: customer\_id(int) primary key, customer\_name(varchar), email(varchar), customer\_address(varchar), phone(number).

Employee: emp\_id(int) primary key, emp\_name(varchar), emp\_phone(number), emp\_status(varchar).

Bill: Bill\_id(int) primary key, issue\_date(date), Customer\_Name(varchar), paymet\_method(varchar), Discount(number), phone(number),vat(number), total bill(float)

Sales Report: Report\_id(primary key), issuedate(date), totalincome(number), profit(number), loss(number).

**Normalization:**

Customer: Customer\_id(Int) primary key, Contact\_id(int) FK

Contact: Contact\_id int (PK), Name(varchar), Email(varchar), Location(varchar), Phone(number).

Employee: Employee\_id(int), Job\_status(varchar), Contact\_Id(FK)

CustomerBill: Bill\_id(int)PK, Contact\_Id(FK), Payment\_method(varchar), paymentdate(date), vat(number), total\_paid(number)

Login: Emp\_id(int)PK, password(varchar) unique.

Reports: Report\_id(PK), ReportGenarated(data), Total\_Inocme(number), Total\_Loss(number), Total\_Discount(number), Remainnig\_Product\_Total Amount(number).