# Purchase:

* 1. Purchase Order
     1. Purchase order details
  2. Product Receive
     1. Product Receive details
  3. Return (at time of receive)
  4. Damaged product (from stock) - approval

# Sales

* 1. Sales Oder
     1. Sales Order Details
  2. List of Sale
     1. Sale(pre-order)
  3. Inventory sale (instant)
  4. Sale return

# Stock

* 1. Stock/ Availability
     1. Stock Details (details of lot purchase, quantity)

# Accounts

* 1. Supplier
     1. New Supplier
        1. Info
        2. Transaction
  2. Customer
     1. New Customer
        1. Info
        2. Transaction

# Master Module

* 1. Category
     1. Sub-category
  2. Products
  3. UOM(unit of measurement )

# Reports

* 1. Sales
  2. Purchase
  3. Stock
  4. Supplier
  5. Customer

# User Control (Access Control)

* 1. Users List
  2. Roles
  3. User Roles

table\_name: plural, samle case(PurchaseOrders)

column\_name: singular, case(last\_updated\_by)

only userId is varchar, all other ids are auto-number(large numbers).

create sql-server tables with proper pk and foreignkey

**Entity**

1. User
   1. Id(varchar)
   2. name
   3. password
2. Purchase\_order
   1. Id (big int)
   2. Number(n varchar)
   3. entered\_on
   4. entered\_by(n carchar 128)
   5. supplier\_id -> supplier.id
3. Supplier
   1. id
   2. name
   3. Contact\_info\_id -> Contact.id
   4. Org\_id -> organization.id
4. Organization
   1. id
   2. name
   3. contact\_info\_id -> Contact.id
5. Purchase\_order\_details
   1. id
   2. po\_id ->Purchase\_order.id
   3. product\_id -> Product.id
6. Product
   1. Id
   2. Category\_id
   3. Subcategory\_id
   4. name
   5. code
   6. barcode
   7. mrp
   8. sale\_price
   9. img\_path
   10. last\_updated\_on
   11. last\_updated\_by -> user.id
   12. uom\_id -> UOM.id
7. UOM
   1. Id
   2. Name

Contacts: id, email, phone, email2, phone2, country,region,city,address\_line1,address\_line2,xmldata