# **Database-design**

## 1) Data requirements

## 2) ERD (entity-relational-diagram)

## (Entity-attribute-relations [one-one, one-many, many-many])

## 3) RS (relational-schema) (tables-columns-relations)

# **E-commerce**

1. Data requirements
2. Products (id,name,price,image,details,quantity,status,created\_at,updated\_at)
3. Categories (id,name,image,status,created\_at,updated\_at)
4. Sub-category (id,name,status,image,created\_at,updated\_at)
5. Brands(id,name,status,image,created\_at,updated\_at)
6. Users(id,name,email,code,image,phone,password,status,created\_at,updated\_at)
7. Address (id,street , building , floor , flat , notes , created\_at, updated\_at)
8. Regions(id,name,lat,long,distance,status,created\_at,updated\_at)
9. Cities (id,name,status,created\_at,updated\_at)
10. Suppliers (id,name,status,code,phone,password,email,created\_at,updated\_at,….)
11. Orders (id,status,total price,deliverd\_at,created\_at,updated\_at)
12. Coupons (id,code,value,type,start\_at,end\_at,minPrice,maxUserUsage ,maxUsageCount,status,created\_at,updated\_at)
13. Offers (id,title,details,image,status,discountValue,start\_at,end\_at,created\_at,updated\_at)
14. Admins (id,name,phone,password,email,created\_at\_updated\_at)
15. paymentMethods (id,name,status,created\_at,updated\_at)
16. cart (quantity)
17. favourites
18. reviews(comment,value,created\_at,updated\_at)