# Database Design

1. Data Requirements
2. ERD (entity relational diagram) [entity – attribute – relation (one to one , one to many , many to many) ]
3. RS (relational schema) [table – column - relation]
4. <https://erdplus.com>

# Ecommerce

1. Categories (id,name\_ar,name\_en,image(o),status,created\_at,updated\_at)
2. Subcategories (id, name\_ar,name\_en,image(o),status,created\_at,updated\_at)
3. Products (id,name\_ar,name\_en,image,quantity,price,status,details\_en,details\_ar,created\_at,updated\_at)
4. Specs (id,name,value)
5. Brands (id,name\_en,name\_ar,image,status,created\_at,updated\_at)
6. Users (id,name,email,password,phone,image(o),gender,verification\_code,expired\_at,status,email\_verified\_at,created\_at,updated\_at)
7. Cart (quantity)
8. Favs ()
9. Orders (id,total\_price,status,delivered\_at,created\_at,updated\_at)
10. Addresses (id,street,floor,building,flat,notes(o),created\_at,updated\_at)
11. Cities (id,name\_en,name\_ar,status,created\_at,updated\_at)
12. Regions (id,name\_en,name\_ar,status,created\_at,updated\_at)
13. Reviews (rate,comment)
14. Offers (id,title,Image,discount,discount\_type,start\_at,end\_at,created\_at,updated\_at)
15. Coupons (id,code,discount,discount\_type,max\_discount\_value,max\_usage,max\_usage\_per\_user,mini\_order
16. start\_at,end\_at,created\_at,updated\_at)
17. Admins (id,name,email,password,phone,image(o),gender,verification\_code,expired\_at,status,email\_verified\_at,created\_at,updated\_at)