

eBay website

JSON file. Semi-Structured data.

apply data base design.

implement relational Schema.

Python program

Task A

download and unzip.

use similar data for initial experimentation

Translate data into relations

In a pdf:

Relational Schema.

Items . • Item ID

• Name

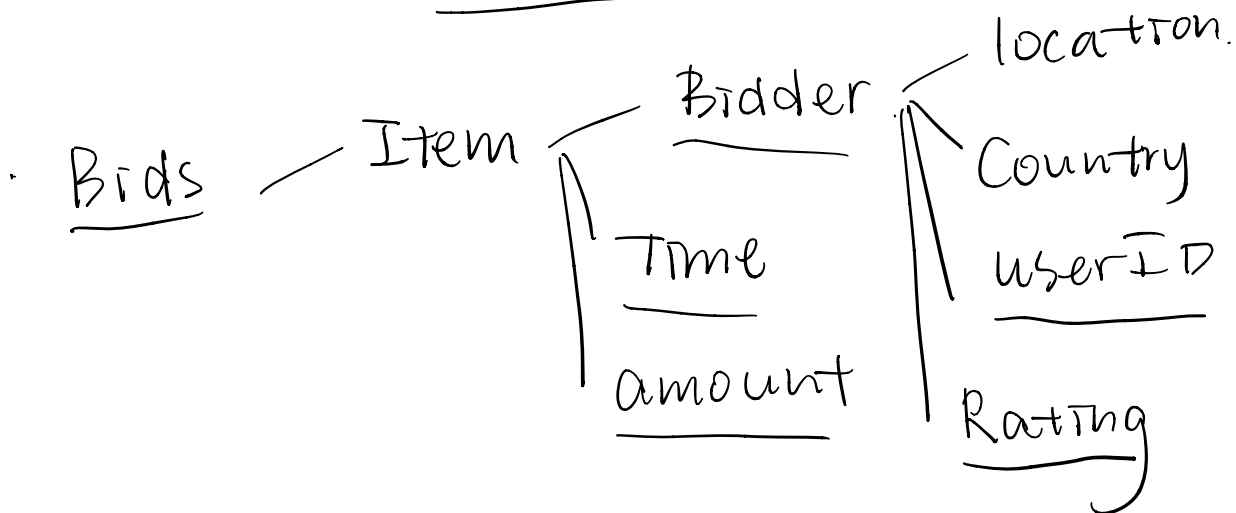
• Category

• Currently

• Buy Price

• First - Bid

• Number of Bids



• location

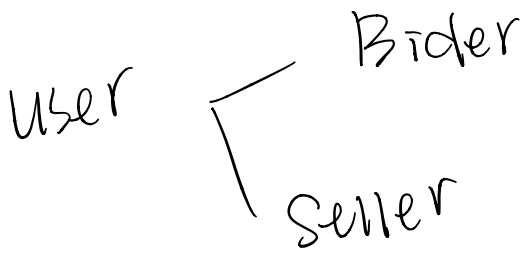
• Country

• Started

• Ends

- Seller { UserID
 rating

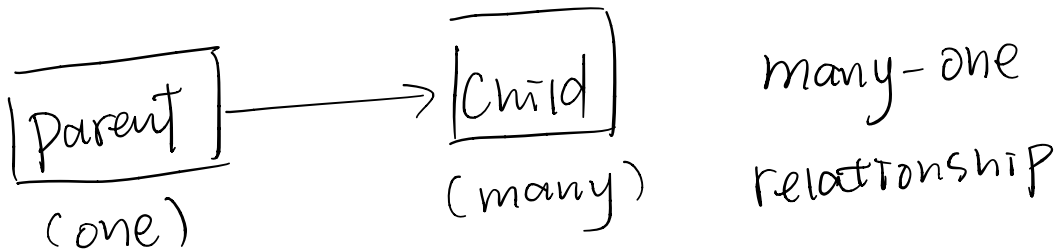
• Description.

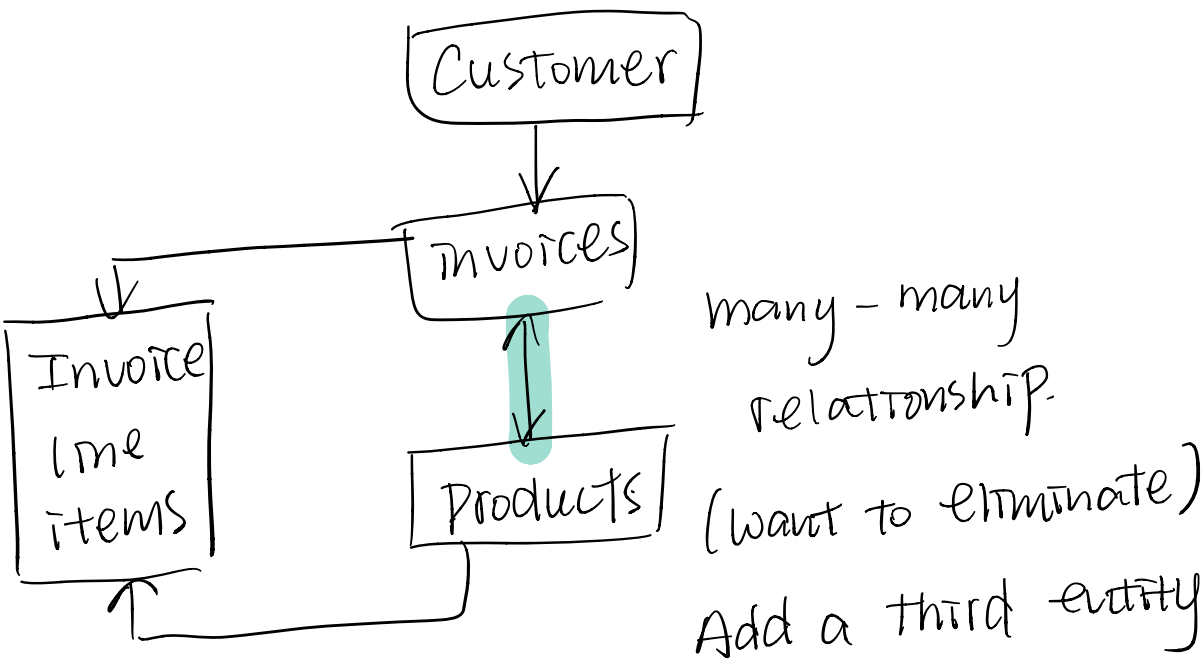


item - serial

- Only many - one relationship
- Database to manage Invoice
 - one Invoice (Parents) per Customer (Child)
 - multiple products per invoice

Customer
Invoices
Products





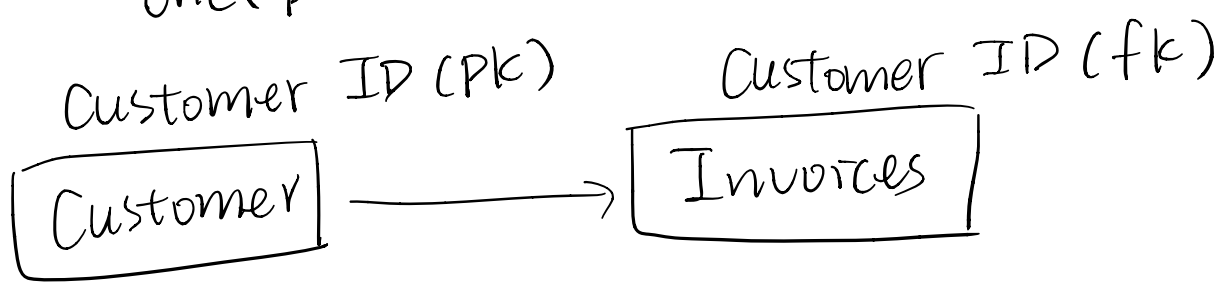
Join table

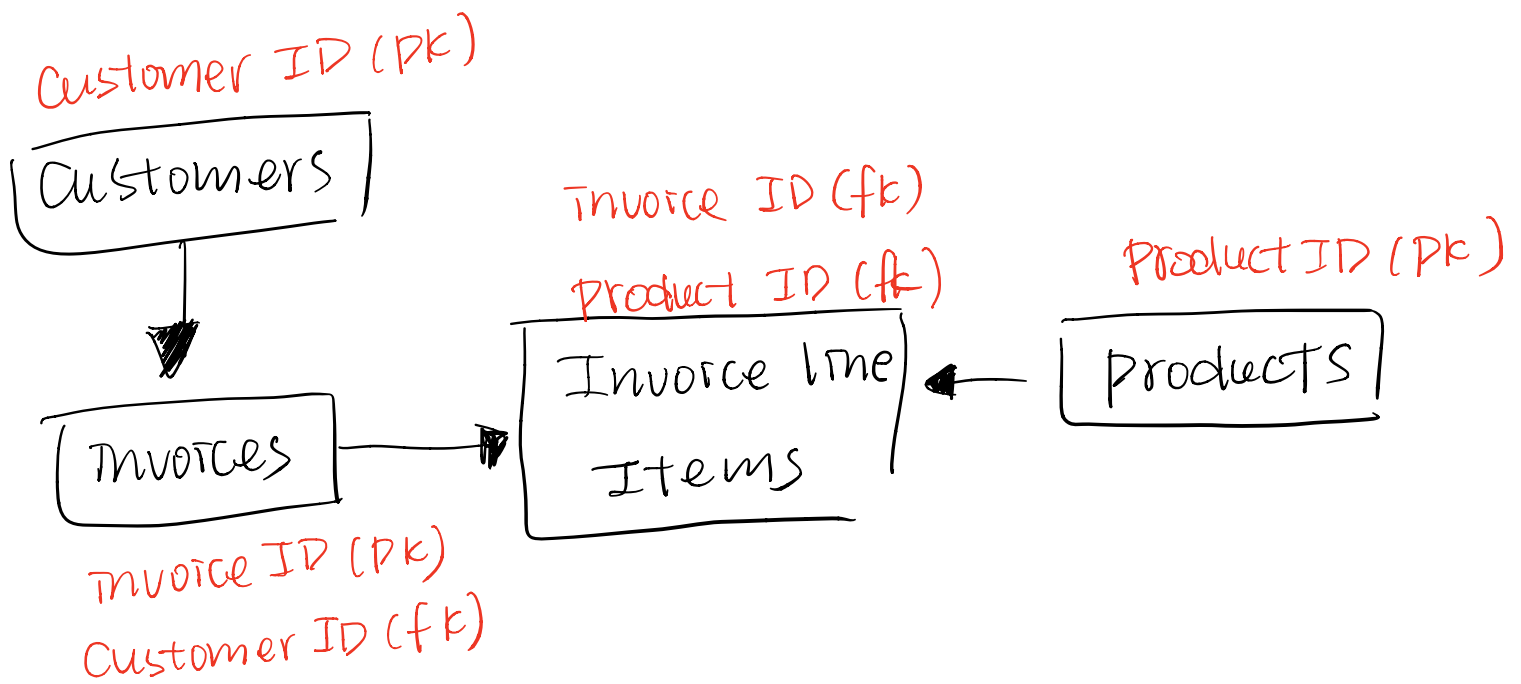
Primary & foreign keys: link between related tables

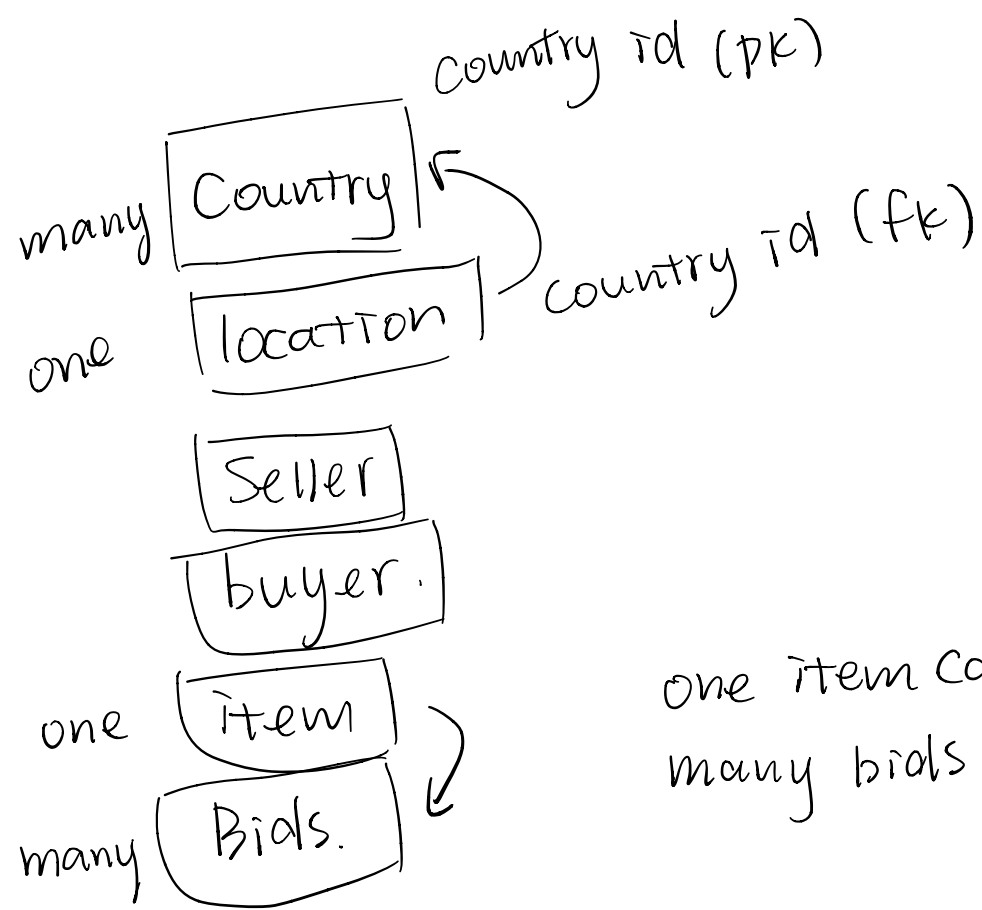
primary key (in parent table)

foreign key (child)

Define Primary key in every pair of table
one (parent) many (child)







one item can have many bids

ways to group things together
relationship with each other

