Entity-Relationship Diagram

Item
- Item_manufacturer_name
- Item_used_months
- Item_name
- Item_id
- Item_languages
- Start_date_auction
- Item_description
- End_date_auction
- Starting_bid_price

Computer (d)
- Speed
- Memory
- Storage

Printer
- Is_wireless
- Is_contain_scanner
- Inkjet

Cilent
- Phone numbers
- E-mail
- Fname
- Lname
- Name
- Password
- Client_id
- Client_Address

Purchaser (d)
- Billing address

Supplier
- Bank account number

Relationships
- Own — N : 1
- Done — 1 ... N
- Make — 1
- Assign — 1 ... 1
- Written_by — N
- Written_on — N : 1

Bid
- Bid_id
- Proposed_price
- Bid_date

Feedback
- Feedback_description
- Rating

Billing
- Bill_id
- Billing_date

Client

Client_id	Fname	Lname	E-mail	Password	Client_address

Client phone numbers

Client_id	Phone number

Purchaser

Client_id	Billing address

Supplier

Client_id	Bank_account_number

Item

Item_id	Item_name	Item_used_months	Item_manufacturer_name	Item_description	Starting_bid_price	Start_date_auction	End_date_auction	Supplier_id

Item languages

Item_id	Language

Computer

Item_id	Speed	Storage	Memory

Printer

Item_id	Is_wireless	Is_contain_scanner	Inkjet

Bid

Bid_id	Client_id	Bid_date	Proposed_price	Item_id

Billing

Bill_id	Billing_date	Bid_id

Feedback

Feedback_description	Client_id	Bill_id	Rating