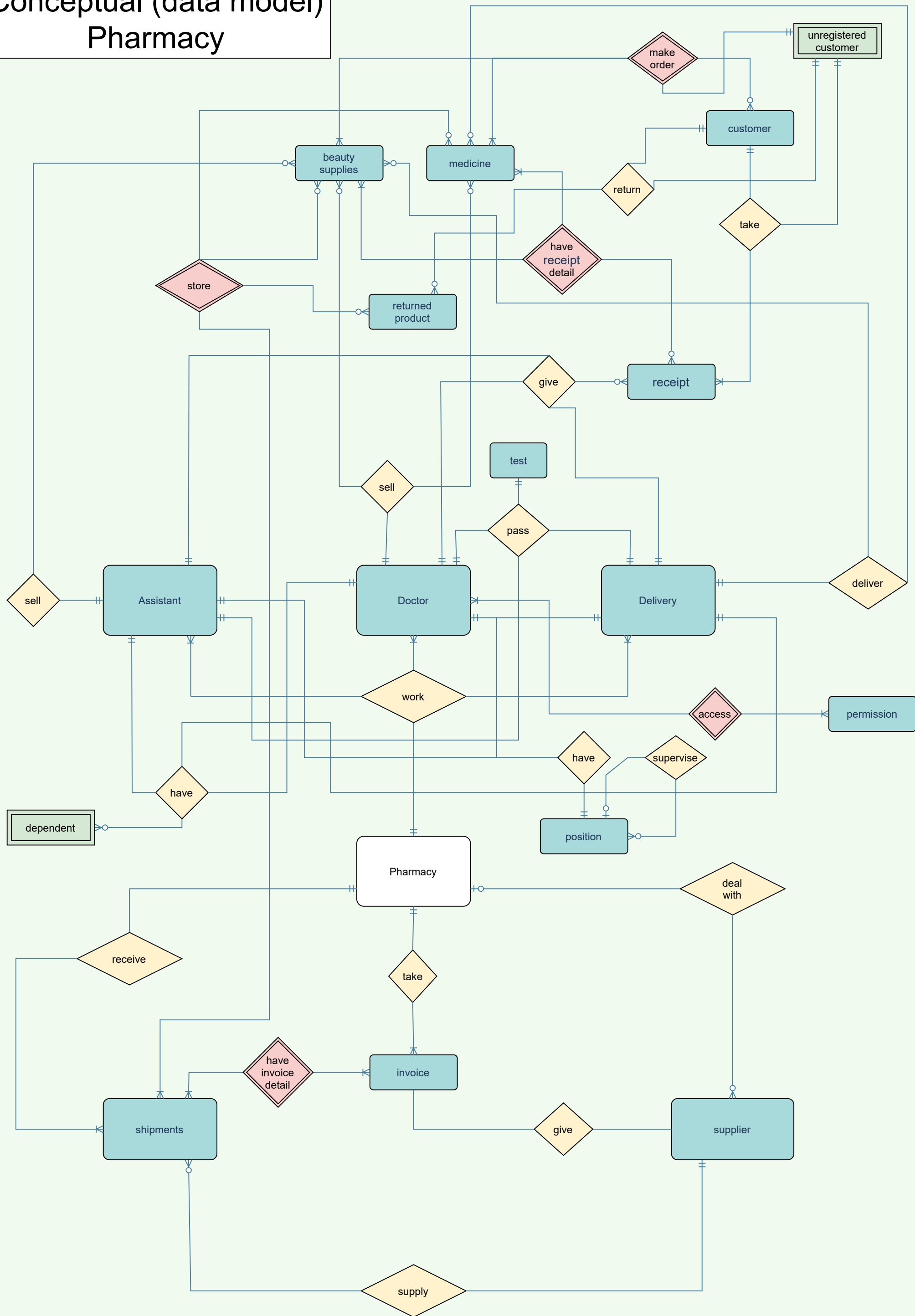
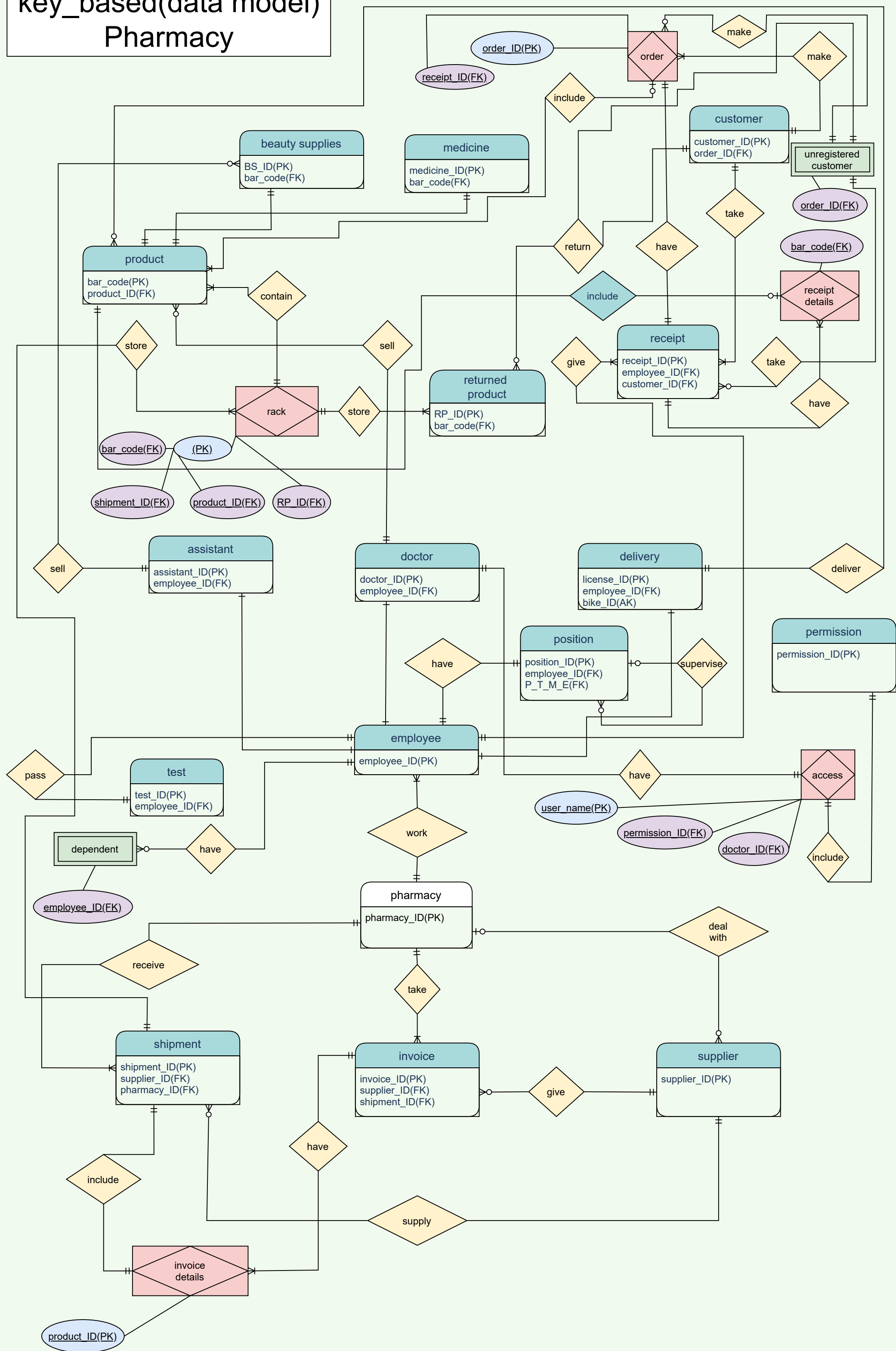


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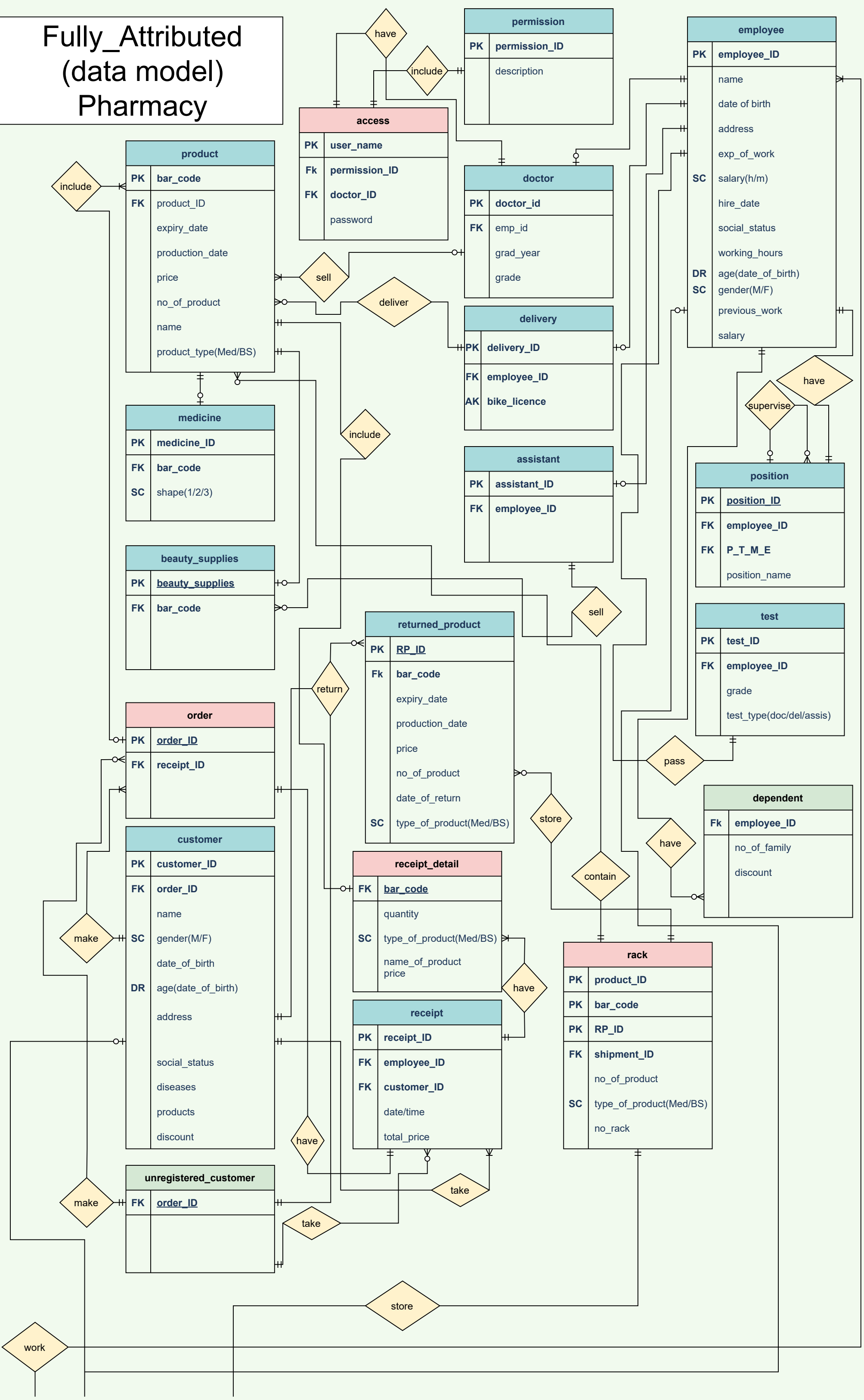
Conceptual (data model) Pharmacy

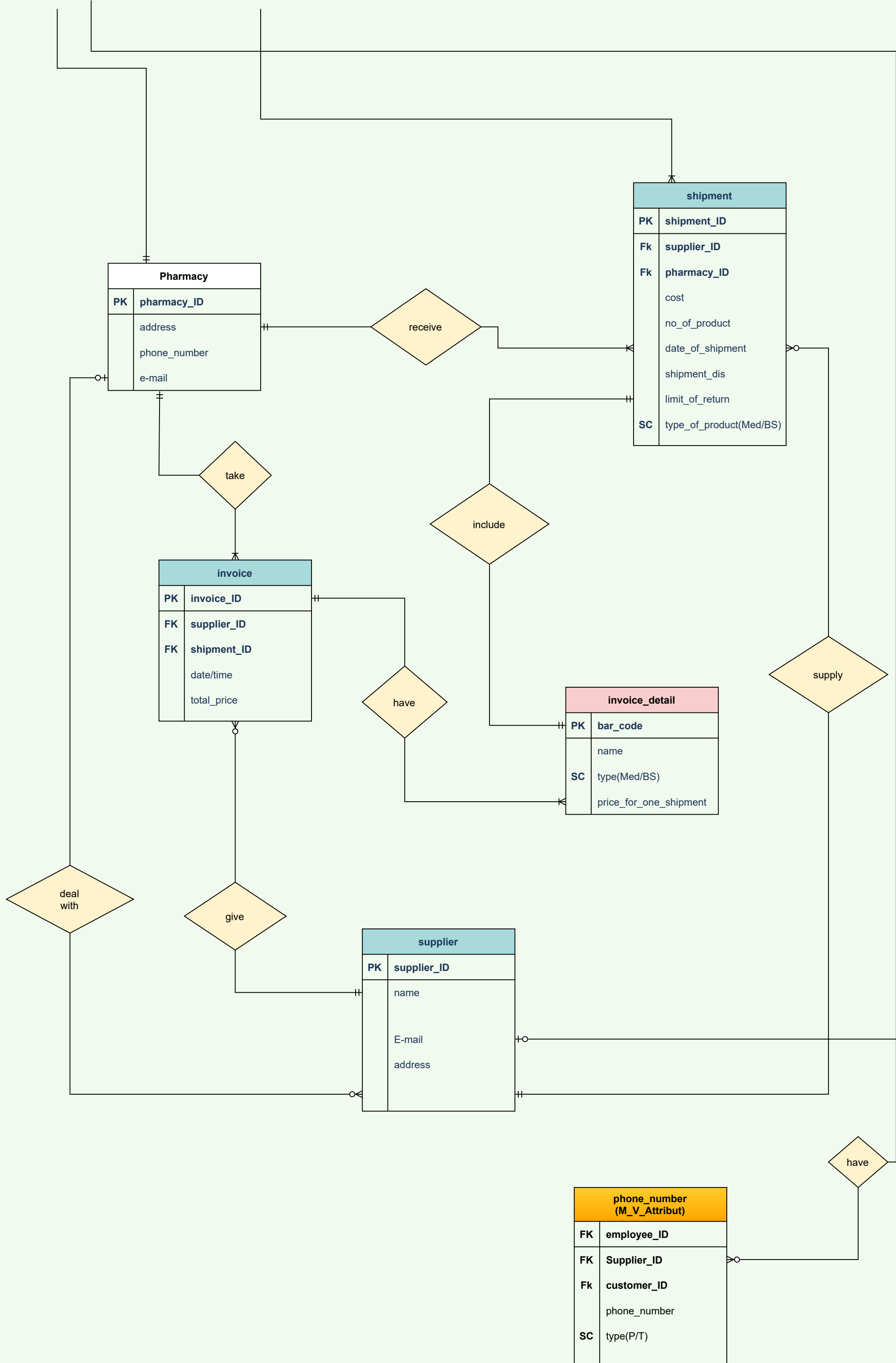


key_based(data model)
Pharmacy



Fully_Attributed
(data model)
Pharmacy





Business_Rules

- 1) The pharmacy must employ more than one employee
- 2) one employee must work in the pharmacy
- 3) The pharmacy must receive more than one shipment
- 4) one shipment must be received by the pharmacy
- 5) The pharmacy may deal with more than one supplier
- 6) one supplier may deal with the pharmacy
- 7) one supplier may supply more than one shipment
- 8) one shipment must be supplied by one supplier
- 9) The pharmacy must take more than one invoice
- 10) one invoice must be taken by the pharmacy
- 11) one supplier may give one or more invoice
- 12) one invoice must be given by one supplier
- 13) one invoice must have more than one invoice details
- 14) one invoice detail must be written in one invoice
- 15) one shipment must be included in one invoice detail
- 16) one invoice detail must be have one shipment
- 17) one employee must pass one test (to be employed in the pharmacy)
- 18) one test must be passed by one employee (to work in pharmacy)
- 19) one employee may have more than one dependent
- 20) one dependent must be from one employee
- 21) one employee must be in one position
- 22) one position must have one employee
- 23) one position must supervise more than one employee
- 24) one doctor must be an employee
- 25) one employee may be a doctor
- 26) one assistant must be an employee
- 27) one employee may be an assistant
- 28) one delivery must be an employee
- 29) one employee may be a delivery
- 30) one doctor must have one access
- 31) one access must be from one doctor
- 32) one access must include one permission
- 33) one permission must be included in one access
- 34) one product may be a medicine
- 35) one medicine must be a product
- 36) one beauty supplement must be a product
- 37) one product may be a beauty supplement

- 38) one product must be sold by one doctor
- 39) one doctor may sell more than one product
- 40) one assistant may be sell more than one beauty supplement
- 41) one beauty supplement product must be sold by one assistant
- 42) one rack must store one shipment
- 43)one shipment must be stored in many rack
- 44) one rack must store more than one returned product
- 45) one returned product must be stored in one rack
- 46) one rack must contain more than one product
- 47) one product must be stored in one rack
- 48) one customer must make more than one order
- 49) one order must be requested by one customer
- 50) one order must include at least one or more product
- 51) one product may be included in one order
- 52) one unregistered customer may make more than one order
- 53) one order must be requested by one unregistered customer
- 54) one customer may return more than one returned product
- 55) one returned product must be returned by one customer
- 56) one unregistered customer may be return more than one returned product
- 57) one returned product must be returned by one unregistered customer
- 58) one employee must give more than one receipt
- 59) one receipt must be given by one employee
- 60) one customer must take more than one receipt
- 61)one receipt must betaken by one customer
- 62) one order must have one receipt
- 63) one receipt must be given in one order
- 64) one unregistered customer may take more than one receipt
- 65)one receipt must be taken by one unregistered customer
- 66) one receipt must have more than one receipt details
- 67) one receipt detail must belong to one receipt
- 68) one receipt detail must include one product
- 69) one product may be included in on receipt detail
- 70) one delivery may deliver more than one product
- 71) one product may be delivered by one delivery