To be Packaged

Compounding ID	Product ID	Date	Order Qty

Manufacturing

MFG Price	Location	Product ID	Quantity of Output	No. of delays	Sales Pro ID	Box Size	Box Color

Compounding

Location	Compounding ID	Product Name	Concentration	Storage temp

Retail

Retailer Name	Location	Sales Price	# Sold	Product ID	Retailer ID

Customer

Name	DOB	Customer ID

Shipped

Order Qty	Retailer ID	Production ID	Date

Sales Marketing

Sales Product ID

Buys

Date	Retailer ID	Customer ID

Sales Marketing techniques

Sales Product ID	S. Marketing Tech

Feedback

Rating	Customer ID	Sales Product ID

Candidate Keys:-
{CompoundingID}
{ProductID}
{SalesProductID}
{RetailerID}
{RetailerName}
{CustomerID}

Compounding:

CompoundingID -> (location, productname, storagetemperature, concentration)

CompoundingID -> location

CompoundingID -> productname

CompoundingID -> storagetemperature

CompoundingID -> concentration

(CompoundingID, productname) -> storagetemperature

(CompoundingID, productname) -> concentration

(CompoundingID, productname) -> location

(CompoundingID, storagetemperature) -> productname

(CompoundingID, storagetemperature) -> location

(CompoundingID, storagetemperature) -> concentration

(CompoundingID, concentration) -> productname

(CompoundingID, concentration) -> location

(CompoundingID, concentration) -> storagetemperature

(CompoundingID, location) -> productname

(CompoundingID, location) -> concentration

(CompoundingID, location) -> storagetemperature

(CompoundingID, location, productname) -> storagetemperature

(CompoundingID, location, productname) -> concentration

(CompoundingID, location, storagetemperature) -> concentration

(CompoundingID, location, storagetemperature) -> productname

(CompoundingID, location, concentration) ->productname

(CompoundingID, location, concentration) -> storagetemperature

(CompoundingID, location, concentration, productname) -> storagetemperature

(CompoundingID, location, concentration, storagetemperature) -> productname

(CompoundingID, location, storagetemperature, productname) -> concentration

Manufacturing:

ProductID -> (location, mfgprice, qtyofoutput, noofdelays)

salesproductID -> (boxsize, boxcolor)

(salesproductID, boxsize) -> boxcolor

(salesproductID, boxcolor) -> boxsize

(ProductID, location) -> qtyofoutput

(ProductID, location) -> noofdelays

(ProductID, location) -> mfgprice

(ProductID, qtyofoutput) -> location

(ProductID, qtyofoutput) -> noofdelays

(ProductID, qtyofoutput) -> mfgprice

(ProductID, noofdelays) -> location

(ProductID, noofdelays) -> qtyofoutput

(ProductID, noofdelays) -> mfgprice

(ProductID, mfgprice) -> location

(ProductID, mfgprice) -> qtyofoutput

(ProductID, mfgprice) -> noofdelays

Retail:

RetailerID -> (retailername, location, salesprice, #sold, productid)

retailername -> (RetailerID, location, salesprice, #sold, productid)

(retailername, RetailerID) -> (location, salesprice, #sold, productid)

RetailerID -> (retailername)

RetailerID -> (location)

RetailerID -> (salesprice)

RetailerID -> (# sold)

RetailerID -> (productid)

retailername -> (RetailerID)

retailername -> (location)

retailername -> (salesprice)

retailername -> (# sold)

retailername -> (productid)

RetailerID -> (retailername, location)

RetailerID -> (retailername, salesprice)

RetailerID -> (retailername, # sold)

RetailerID -> (retailername, productid)

retailername -> (RetailerID, location)

retailername -> (RetailerID, salesprice)

retailername -> (RetailerID, # sold)

retailername -> (RetailerID, productid)

(retailername, RetailerID, location) -> salesprice

(retailername, RetailerID, location) -> #sold

(retailername, RetailerID, location) -> productid

(retailername, RetailerID, salesprice) -> location

(retailername, RetailerID, salesprice) -> #sold

(retailername, RetailerID, salesprice) -> productID

(retailername, RetailerID, #sold) -> location

(retailername, RetailerID, #sold) -> salesprice

(retailername, RetailerID, #sold) -> productID

(retailername, RetailerID, productID) -> location

(retailername, RetailerID, productID) -> salesprice

(retailername, RetailerID, productID) -> #sold

(retailername, RetailerID, productid, location) -> salesprice

(retailername, RetailerID, productid, location) -> #sold

(retailername, RetailerID, productid, salesprice) -> location

(retailername, RetailerID, productid, salesprice) -> #sold

(retailername, RetailerID, productid, #sold) -> location

(retailername, RetailerID, productid, #sold) -> salesprice

Customer:

CustomerID -> (name, DOB)

(CustomerID, name) -> DOB

(CustomerID, DOB) -> name

To_be_packaged:

(CompoundingID,productid) -> Date

Shipped:

(retailID, productid) -> (orderqty, Date)

(retailID, productid, orderqty) -> Date

(retailID, productid, Date) -> orderqty

Buys:

(retailID, customerID) -> Date

Feedback:

(salesproductID, CustomerID) -> Rating

Team 7

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