**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)

(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

Vikramjeet S Brar

Alma Babydasan

Vineeth Kumar Reddi Gaddi

Sunethra Mulkalapally