

Milestone 2

Location

- Location_ID
- Region
- Department (Weak Entity)
 - Department_Code
 - Sales (Subtype)
 - Region
 - Tax_Rate
 - Accounting (Subtype)
- Warehouse (Weak Entity)
 - Warehouse_Num
 - Parts_on_Hand (Multi-valued, Composite)
 - Part
 - Quantity
- Factory (Weak Entity)
 - Factory_Num

Order

- Order_Num
- Review_Date
- Approved (yes or no)
- Domestic_Order (Subtype)
 - Type (phone or website)
- International_Order (Subtype)

Discount

- Discount_Num
- Rate
- Approved_By
- Customer_Discount (Subtype)
 - Customer
- Order_Discount (Subtype)
 - Order

Employee

- Employee_Num
- Department
- Name (Composite)
 - First_Name
 - Last_Name
- Phone_Number
- Address
- Email

- Supervisor
- Commission (Subtype)
 - Commission_Percentage
 - Last_Month_Sales
- Hourly (Subtype)
 - Hourly_Rate
 - Expected_Hours
 - Overtime_Hours
 - Shift_Differential
- Salary (Subtype)
 - Monthly_Pay
- Marital_Status
- Dependents
- Exemptions_Claimed
- Extra_Withholding

Customer

- Customer_ID
- Name (Composite)
 - First_Name
 - Last_Name
- Phone_Number
- Address
- Email
- Region
- Tax_Exempt (yes or no)

Complaint

- Complaint_Num
- Type (phone or email)
- Complaining_Customer

Invoice

- Invoice_Num
- Customer
- Shipped (Multi-valued, composite)
 - Product
 - Quantity
- Price (derived)
- Sent_Date
- Shipping_Cost

Product

- Product_ID

- Name
- Bill_of_Materials (Weak Entity)
 - BoM_ID
 - Part
 - Quantity
- Routing Sheet
 - Routing_Sheet_ID
 - Estimated_Time

Part

- Part_Num
- Reorder_Point
- Cost
- Manufacturer (multi-valued)

Container

- Container_ID
- Approved (yes or no)
- Check_Date
- Steps (Multi-valued, composite)
 - Step_Number
 - Time
 - Employee

Manufacturer

- Manufacturer_ID
- Name
- Phone_Number
- Email

Survey

- Survey_Num
- Employee_Score
- Employee
- Quality_Score
- Accuracy_Score
- Date_Completed
- Customer