**Team 4, Project 4**

**Task 1**

**Employee:**

* Employee\_ID
* Employee\_First\_Name
* Employee\_Last\_Name
* Employee\_Date\_of\_Birth
* Employee\_Gender
* Employee\_Home\_Phone
* Employee\_Cell\_Phone
* Employee\_Email
* Employee\_Address1
* Employee\_Address2
* Employee\_City
* Employee\_State
* Employee\_Zip
* Employee\_SSN
* Employee\_Skills
* Employee\_Position
* Employee\_Responsibility\_Description
* Salary\_Pay\_Rate

**Customer:**

* Customer\_ID
* Customer\_First\_Name
* Customer\_Last\_Name
* Customer\_Date\_of\_Birth
* Customer\_Home\_Phone
* Customer\_Work\_Phone
* Customer\_Cell\_Phone
* Customer\_Email
* Customer\_Billing\_Address1
* Customer\_Billing\_Address2
* Customer\_Billing\_City
* Customer\_Billing\_State
* Customer\_Billing\_Zip
* Customer\_Shipping\_Address1
* Customer\_Shipping\_Address2
* Customer\_Shipping\_City
* Customer\_Shipping\_State
* Customer\_Shipping\_Zip

**Retailer:**

* Retailer\_ID
* Retailer\_Business\_Name
* Retailer\_Tax\_ID\_Number
* Retailer\_First\_Name
* Retailer\_Last\_Name
* Retailer\_Work\_Phone
* Retailer\_Cell\_Phone
* Retailer\_Email
* Retailer\_Website
* Retailer\_Billing\_Address1
* Retailer\_Billing\_Address2
* Retailer\_Billing\_City
* Retailer\_Billing\_State
* Retailer\_Billing\_Zip
* Retailer\_Shipping\_Address1
* Retailer\_Shipping\_Address2
* Retailer\_Shipping\_City
* Retailer\_Shipping\_State
* Retailer\_Shipping\_Zip
* Retailer\_Required\_Template

**Product:**

* Product\_ID
* Product\_Description
* Product\_Price
* Product\_Quantity
* Product\_Warehouse\_Location

**Supplier:**

* Supplier\_ID
* Supplier\_Name
* Supplier\_Tax\_ID\_Number
* Supplier\_First\_Name
* Supplier\_Last\_Name
* Supplier\_Work\_Phone
* Supplier\_Cell\_Phone
* Supplier\_Email
* Supplier\_Website
* Supplier\_Address1
* Supplier\_Address2
* Supplier\_City
* Supplier\_State
* Supplier\_Zip

**Purchase Order:**

* Purchase\_Order\_Number
* Purchase\_Order\_Date
* Purchase\_Order\_Time
* Purchase\_Order\_Type
* Purchase\_Order\_Amount
* Purchase\_Order\_Product
* Purchase\_Order\_Quantity
* Purchase\_Order\_Description
* Purchase\_Order\_Billing\_Address1
* Purchase\_Order\_Billing\_Address2
* Purchase\_Order\_Billing\_City
* Purchase\_Order\_Billing\_State
* Purchase\_Order\_Billing\_Zip
* Purchase\_Order\_Shipping\_Address1
* Purchase\_Order\_Shipping\_Address2
* Purchase\_Order\_Shipping\_City
* Purchase\_Order\_Shipping\_State
* Purchase\_Order\_Shipping\_Zip
* Purchase\_Order\_Special\_Instructions

**Warehouse:**

* Warehouse\_ID
* Warehouse\_Address1
* Warehouse\_Address2
* Warehouse\_City
* Warehouse\_State
* Warehouse\_Zip
* Warehouse\_Capacity

**Customer Order:**

* Customer\_Order\_Confirmation\_Number
* Customer\_Order\_Date
* Customer\_Order\_Time
* Customer\_Order\_Type
* Customer\_Order\_Total\_Amount
* Customer\_Order\_Product\_Type
* Customer\_Order\_Product\_Quantity
* Customer\_Order\_Product\_Description
* Customer\_Order\_Shipping\_Warehouse
* Customer\_Order\_Special\_Instructions

**Payment:**

* Payment\_Confirmation\_Number
* Payment\_Date
* Payment\_Time
* Payment\_Type
* Payment\_Amount
* Payment\_Billing\_Address
* Payment\_Billing\_City
* Payment\_Billing\_State
* Payment\_Billing\_Zip
* Payment\_Billing\_Amount

**Team 4, Project 4**

**Task 2**

EMPLOYEE (Employee\_ID, Employee\_First\_Name, Employee\_Last\_Name, Employee\_Date\_of\_Birth, Employee\_Gender, Employee\_Home\_Phone, Employee\_Cell\_Phone, Employee\_Email, Employee\_Address1, Employee\_Address2, Employee\_City, Employee\_State, Employee\_Zip, Employee\_SSN, Employee\_Skills, Employee\_Position, Employee\_Responsibility\_Description, Salary\_Pay\_Rate)

CUSTOMER (Customer\_ID, Customer\_First\_Name, Customer\_Last\_Name, Customer\_Date\_of\_Birth, Customer\_Home\_Phone, Customer\_Work\_Phone, Customer\_Cell\_Phone, Customer\_Email, Customer\_Billing\_Address1, Customer\_Billing\_Address2, Customer\_Billing\_City, Customer\_Billing\_State, Customer\_Billing\_Zip, Customer\_Shipping\_Address1, Customer\_Shipping\_Address2, Customer\_Shipping\_City, Customer\_Shipping\_State, Customer\_Shipping\_Zip)

RETAILER (Retailer\_ID, Retailer\_Business\_Name, Retailer\_Tax\_ID\_Number, Retailer\_First\_Name, Retailer\_Last\_Name, Retailer\_Work\_Phone, Retailer\_Cell\_Phone, Retailer\_Email, Retailer\_Website, Retailer\_Billing\_Address1, Retailer\_Billing\_Address2, Retailer\_Billing\_City, Retailer\_Billing\_State, Retailer\_Billing\_Zip, Retailer\_Shipping\_Address1, Retailer\_Shipping\_Address2, Retailer\_Shipping\_City, Retailer\_Shipping\_State, Retailer\_Shipping\_Zip, Retailer\_Required\_Template)

PRODUCT (Product\_ID, Product\_Description, Product\_Price, Product\_Quantity, Product\_Warehouse\_Location)

SUPPLIER (Supplier\_ID, Supplier\_Name, Supplier\_Tax\_ID\_Number , Supplier\_First\_Name, Supplier\_Last\_Name, Supplier\_Work\_Phone, Supplier\_Cell\_Phone, Supplier\_Email, Supplier\_Website, Supplier\_Address1, Supplier\_Address2, Supplier\_City, Supplier\_State, Supplier\_Zip)

PURCHASE (Purchase\_Order\_ID, Purchase\_Order\_Date, Purchase\_Order\_Time, Purchase\_Order\_Type, Purchase\_Order\_Amount, Purchase\_Order\_Product, Purchase\_Order\_Quantity, Purchase\_Order\_Description, Purchase\_Order\_Billing\_Address1, Purchase\_Order\_Billing\_Address2, Purchase\_Order\_Billing\_City, Purchase\_Order\_Billing\_State, Purchase\_Order\_Billing\_Zip, Purchase\_Order\_Shipping\_Address1, Purchase\_Order\_Shipping\_Address2, Purchase\_Order\_Shipping\_City, Purchase\_Order\_Shipping\_State, Purchase\_Order\_Shipping\_Zip, Purchase\_Order\_Special\_Instructions)

WAREHOUSE (Warehouse\_ID, Warehouse\_Address1, Warehouse\_Address2, Warehouse\_City, Warehouse\_State, Warehouse\_Zip, Warehouse\_Capacity)

CUSTOMERORDER (Customer\_Order\_ID, Customer\_Order\_Date, Customer\_Order\_Time, Customer\_Order\_Type, Customer\_Order\_Total\_Amount, Customer\_Order\_Product\_Type, Customer\_Order\_Product\_Quantity, Customer\_Order\_Product\_Description, Customer\_Order\_Shipping\_Warehouse, Customer\_Order\_Special\_Instructions)

PAYMENT (Payment\_ID, Payment\_Date, Payment\_Time, Payment\_Type, Payment\_Amount, Payment\_Billing\_Address, Payment\_Billing\_City, Payment\_Billing\_State, Payment\_Billing\_Zip, Payment\_Billing\_Amount)

**Team 4, Project 4**

**Task 3**

EMPLOYEE

* One employee can have One Employee ID
* One employee can have many employee address
* Many employees can have one description
* Many employees can have many salary pay rates

CUSTOMER

* One customer may have one customer ID
* One customer may have many customer phone numbers
* Many customers may have many shipping addresses

RETAILER

* One retailer may have one Retailer ID
* One retailer may have many retailer email addresses
* One retailer may have one billing address
* Many retailers may have many shipping addresses
* Many retailers may have one required template

PRODUCT

* One product may have one product ID
* Many product may have one product description
* Many products may have one product price
* Many products may have one product quantity
* Many products may have one product warehouse location

SUPPLIER

* One supplier may have one supplier ID
* One supplier may have many supplier phone numbers
* Many suppliers may have many addresses
* Many suppliers may have one website

PURCHASE

* Many purchases may have one purchase ID
* Many purchases may have many one purchase order date
* One purchase may have one purchase amount
* Many purchases may have many purchase order quantities
* Many purchases may have many purchase order descriptions
* Many purchases may have many purchase shipping addresses
* Many purchases may have many purchase order special instructions
* Many purchases may have many purchase order products
* One purchase may have many purchase order products

WAREHOUSE

* One warehouse may have one warehouse ID
* One warehouse may have one warehouse address
* Many warehouses may have many warehouse capacities

SUPPLIERORDER

* One supplier order may have one supplier order ID
* Many supplier order may have one supplier order ID
* Many supplier order may have one supplier order date
* Many supplier orders may have many supplier order product quanity
* Many supplier orders may have many supplier order product descriptions
* One supplier order may have many shipping warehouses
* One supplier order may have many supplier order special instructions

PAYMENT

* Many payments may have one payment ID
* Many payments may have one payment date
* One payment may have one payment amount
* One payment may have many billing addresses
* One payment may have one billing amount