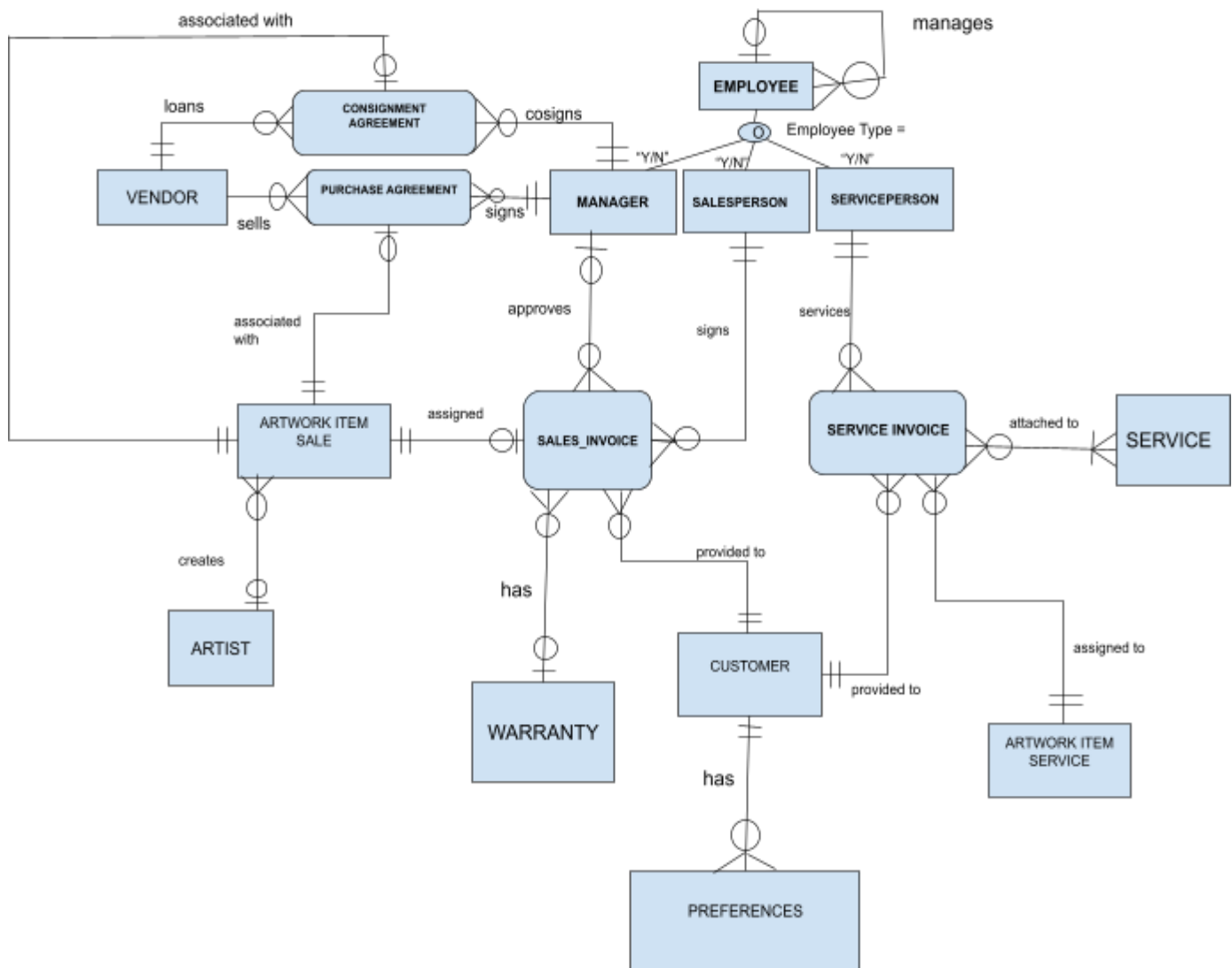


## Project ERD Diagrams

### Enterprise ERD:



## **Complete Attributes List by Table:**

### **Notation:**

**PK = Primary key**

**FK = Foreign key**

**UK = Unique key**

**\* = Required**

**/ = Derived**

**Composite attributes are separated as tabbed in attributes**

### **PURCHASE\_AGREEMENT (Associative Entity)**

Purchase Agreement ID - **PK**

\*Purchase Agreement Date

\*Purchase Terms

Purchaser ID - **FK**

Vendor ID - **FK**

Purchased Item ID - **FK**

\*Purchase\_Price

Purchase Discount

Purchase Shipping Charge

Purchase Misc Charge

### **CONSIGNMENT\_AGREEMENT (Associative Entity)**

Consignment Agreement ID - **PK**

\*Consignment Agreement Date

\*Consignment Terms

Consigner ID - **FK**

Owner ID - **FK**

Consigned Item ID - **FK**

\*Consignment Start Date

Consignment End Date

\*Suggested Sell Price

\*Minimum Sell Price

\*Consignment Commission

**SALES\_INVOICE** (Associative Entity)

Sales Invoice ID - **PK**

\*Sales Invoice Date

\*Sales Invoice Terms

Salesperson ID - **FK**

Item Sold ID - **FK**

Warranty ID - **FK**

Approver\_ID

Approval Date

Customer ID - **FK**

\*Sales Price

Sales Discount

Sales Shipping Charge

Sales Misc Charge

**SERVICE\_INVOICE** (Associative Entity)

Service Invoice ID - **PK**

\*Service Invoice Date

\*Service Invoice Terms

Serviceperson ID - **FK**

Service ID - **FK**

Item Serviced ID - **FK**

Customer\_ID - **FK**

Service Discount

Service Shipping Charge

Service Misc Charge

## **EMPLOYEE**

Employee ID - **PK**

Managers\_ID

\*Employee Name

(\*Employee\_LastName)

(\*Employee\_FirstName)

\*Employee Full Address

(\*Employee Street Address)

(\*Employee City)

(\*Employee State)

(\*Employee Zipcode)

\*Employee Phone Number - **UK**

\*Employee Email - **UK**

Employee\_HireDate

\*Employee Title

\*Employee Salary

\*Sales Commission

\*Subtype Salesperson

\*Subtype Serviceperson

\*Subtype Manager

## **VENDOR**

Vendor\_ID - **PK**

Vendor Organization Name

\*Vendor Name

(\*Vendor First Name)

(\*Vendor Last Name)

\*Vendor Full Address

(\*Vendor Street Address)

(\*Vendor City)

(\*Vendor State)

(\*Vendor Zipcode)

\*Vendor Phone Number - **UK**

\*Vendor Email - **UK**

## **ARTIST**

Artist ID - **PK**

\*Artist Name

(\*Artist First Name)

(\*Artist Last Name)

\*Artist Category

Artist Phone Number

Artist Email

Artist City

Artist State

Artist Country

\*Artist Start Year

Artist End Year

\*Art Description

/Artist Years of Experience

## **CUSTOMER**

Customer ID - **PK**

\*Customer Name

(\*Customer Last Name)

(\*Customer First Name)

\*Customer Full Address

(\*Customer Street Address)

(\*Customer City)

(\*Customer State)

(\*Customer Zipcode)

\*Customer Phone Number - **UK**

\*Customer Email - **UK**

## **PREFERENCES**

Preference ID - **PK**

Artist Type

Artist Name

(Artist First Name)

(Artist Last Name)

Preference Description

\*Preference Start Date

Preference End Date

Customer ID - **FK**

## **ARTWORK ITEM SALE**

Item ID - **PK**

\*Item Category

\*Item Title

\*Item Status

\*Item Short Description

Item Date

\*Item Size

(\*Item Height)

(\*Item Width)

(\*Item Length)

\*Item Material

Item Origin City

Item Origin Region

Item Origin Country

Item Suggested List Price

Item Minimum Selling Price

\*Item How Acquired

## **SERVICE**

Service ID - **PK**

\*Service Description

\*Service Price

\*Service Cost

## **ARTWORK ITEM SERVICE**

Item ID - **PK**

\*Item Title

\*Item Category

\*Item Description

/Service Profit Margin