

## ENTITY TYPES

## AND ATTRIBUTES

**Strong Entity**  
**Products**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Product Description**

Optional  
Simple  
Single-valued  
Stored

**Product Finish**

Optional  
Simple  
Single-valued  
Stored

**Product Standard Price**

Required  
Simple  
Single-valued  
Stored

**Sales Territories**  
**Strong Entity**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Territory Name**

Required  
Simple  
Single-valued  
Stored

**Strong Entity**  
**Product Line**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Product Line Name**

Required  
Simple  
Single-valued  
Stored

**Salesperson**  
**Strong Entity**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Sales person name**

Required  
Simple  
Single-valued  
Stored

**Sales person Telephone**

Optional  
Simple  
Single-valued  
Stored

**Sales person Fax**

Optional  
Simple  
Single-valued  
Stored

**Strong Entity**  
**Customers**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Customer Name**

Required  
Simple  
Single-valued  
Stored

**Customer Address**

Required  
Simple  
Single-valued  
Stored

**Customer Postal Code**

Optional  
Simple  
Single-valued  
Stored

**Raw Materials**  
**Strong Entity**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Unit of Measure**

Required  
Simple  
Single-valued  
Stored

**Material Name**

Required  
Simple  
Single-valued  
Stored

**Material Standard Cost**

Required  
Simple  
Single-valued  
Stored

**Strong Entity**  
**Order**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Order date**

Required  
Simple  
Single-valued  
Stored

**Vendors**  
**Strong Entity**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Vendor Name**

Required  
Simple  
Single-valued  
Stored

**Vendor Address**

Required  
Simple  
Single-valued  
Stored

**Supply Unit Price**

Required  
Simple  
Single-valued  
Stored

**Weak Entity**  
**Order Line**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Ordered quantity**

Required  
Simple  
Single-valued  
Stored

**Work Center**  
**Strong Entity**

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

**Work Center Location**

Required  
Simple  
Single-valued  
Stored



### Employee Strong Entity

Identifier (PK)  
Required  
Simple  
Single-valued  
Stored

### Employee Name

Required  
Simple  
Single-valued  
Stored

### Employee Address

Required  
Simple  
Single-valued  
Stored

### Skills

Optional  
Composite  
Multi-valued  
Stored

### Supervisor Weak Entity

Identifier (FK)  
Required  
Simple  
Single-valued  
Stored

### Manager Weak Entity

Identifier (FK)  
Required  
Simple  
Single-valued  
Stored

### RELATIONSHIP DEGREE AND CARDINALITY

