**테이블 정의서**

**Customer Rating**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Customer\_rating\_number | NUMBER | PK | NN |  |  |  | 고객등급번호 |
| Customer\_rating\_type | VARCHAR2(10) |  |  |  |  | SILVER | 고객등급종류 |

**Credit Ratings**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Credit\_rating\_number | NUMBER | PK | NN |  |  |  | 신용등급번호 |
| Credit\_rating\_type | VARCHAR2(10) |  |  |  |  | GOOD | 신용등급종류 |

**How to order**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Order\_method\_number | NUMBER | PK | NN |  |  |  | 주문방법번호 |
| Order\_method\_type | VARCHAR2(10) |  |  |  |  | FAX | 주문방법종류 |

**Departments**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Department\_number | Number | PK | NN |  |  |  | 부서번호 |
| Department\_name | Varchar2(20) |  | NN |  |  |  | 부서명 |

**Transaction Types**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Transaction\_type\_number | Number | PK | NN |  |  |  | 거래종류번호 |
| Transaction\_type\_type | Varchar2(20) |  | NN |  |  |  | 거래종류타입 |

**Production\_lines**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Production\_line\_number | Number | PK | NN |  |  |  | 주문항목번호 |

**Payments**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Payment\_number | Number | PK | NN |  |  |  | 결제내역 번호 |
| Transaction\_type\_number | Number | FK | NN |  |  |  | 거래종류번호 |

**Regions**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Region\_number | Number | PK | NN |  |  |  | 지역번호 |
| Region\_name | Varchar2(20) |  | NN |  |  |  | 지역명 |

**Countries**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Country\_number | Number | PK | NN |  |  |  | 국가번호 |
| Country\_name | Varchar2(20) |  | NN |  |  |  | 국가명 |
| Region\_number | Number | FK | NN |  |  |  | 지역번호 |

**Locations**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Location\_number | Number | PK | NN |  |  |  | 위치번호 |
| Location\_name | Varchar2(20) |  | NN |  |  |  | 도시명 |
| State\_name | Varchar2(20) |  | NN |  |  |  | 주명 |
| Country\_number | Number | FK | NN |  |  |  | 국가번호 |

**Customers**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Customer\_number | NUMBER(5) | PK | NN |  |  |  | 고객번호 |
| Customer\_name | VARCHAR2(20) |  |  |  |  |  | 고객이름 |
| Phone\_number | VARCHAR2(20) |  |  |  |  |  | 전화번호 |
| Address | VARCHAR2(100) |  |  |  |  |  | 주소 |
| Zip\_code | VARCHAR2(10) |  |  |  |  |  | 우편번호 |
| Sales\_representative | VARCHAR2(20) |  |  |  |  |  | 담당영업사원 |
| Credit\_rating\_number | NUMBER | FK |  | Credit Ratings | Credit\_rating\_number |  | 신용등급번호 |
| Customer\_Location\_number | NUMBER | FK |  | Locations | Location\_number |  | 위치번호 |
| Customer\_rating\_number | NUMBER | FK |  | Customer Ratings | Customer\_rating\_number |  | 고객등급번호 |
| Remarks | VARCHAR2(100) |  |  |  |  |  | 비고 |

**Orders**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Order\_Number | NUMBER | PK | NN |  |  |  | 주문번호 |
| Customer\_name | VARCHAR2(20) |  |  |  |  |  | 고객명 |
| Shipment\_whether | CHAR(2) |  |  |  |  | N | 선적여부 |
| Order\_date | DATE |  |  |  |  |  | 주문날짜 |
| Shipment\_date | DATE |  |  |  |  |  | 선적날짜 |
| Payment\_way | NUMBER |  |  |  |  |  | 지불방법 |
| Sales\_representative | VARCHAR2(20) |  |  |  |  |  | 담당영업사원 |
| Customer\_number | NUMBER | FK |  | Customers | Customer\_number |  | 고객번호 |
| Order\_method\_number | NUMBER | FK |  | How to order | Order\_method\_number |  | 주문방법번호 |

**Order Items**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Order\_item\_number | NUMBER | PK | NN |  |  |  | 주문항목번호 |
| Item\_number | NUMBER |  | NN |  |  |  | 제품번호 |
| Shipping\_quantity | NUMBER |  | NN |  |  |  | 선적수량 |
| Item\_price | NUMBER |  | NN |  |  |  | 제품단가 |
| Order\_quantity | NUMBER |  | NN |  |  |  | 주문수량 |
| Item\_name | VARCHAR2(40) |  | NN |  |  |  | 제품명 |
| Order\_Number | Number | FK | NN | Orders | Order\_number |  | 주문번호 |

**Ordered Items**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Order\_item\_number | Number | PK | NN |  |  |  | 주문항목번호 |
| Item\_number | Number | PK | NN |  |  |  | 제품번호 |

**Items**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Item\_number | Number | PK | NN |  |  |  | 제품번호 |
| Item\_name | Varchar2(20) |  |  |  |  |  | 제품명 |
| Long\_description | Varchar2(200) |  |  |  |  | NONE | 긴설명 |
| Short\_description | Varchar2(100) |  |  |  |  | NONE | 요약된설명 |
| Sales\_unit | Number |  |  |  |  | 1000 | 판매단위 |
| Proposed\_price | Number |  |  |  |  | NONE | 제안된가격 |
| Picture | Varchar2(200) |  |  |  |  | NONE | 사진 |
| Maximum\_inventory | Number |  | NN |  |  |  | 최대재고량 |

**Stocks**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Stock\_number | Number | PK | NN |  |  |  | 재고번호 |
| Item\_number | Number | FK | NN | Items | Item\_number |  | 제품번호 |
| Warehouse\_management\_number | Number | FK | NN | Warehouse Managements | Warehouse\_management\_number |  | 창고관리번호 |

**Warehouse Managements**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Warehouse\_management\_number | Number | PK | NN |  |  |  | 창고관리번호 |
| Warehouse\_management\_address | Varchar2(100) |  | NN |  |  |  | 창고 주소 |
| Warehouse\_management\_zip\_code | Varchar2(10) |  | NN |  |  |  | 우편번호 |
| Warehouse\_management\_location\_number | Number | FK | NN |  |  |  | 창고 위치번호 |
| Warehouse\_management\_phone\_number | Varchar2(20) |  | NN |  |  |  | 창고전화번호 |
| Warehouse\_management\_name | Varchar2(20) |  | NN |  |  |  | 창고명 |
| Warehouse\_manager | Varchar2(20) | FK | NN |  |  |  | 창고담당관리사원 |

**Employees**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Employee\_number | Number | PK | NN |  |  |  | 직원번호 |
| Last\_name | Varchar2(20) |  |  |  |  |  | 직원성 |
| First\_name | Varchar2(20) |  |  |  |  |  | 직원이름 |
| Employee\_ID | Varchar2(20) |  |  |  |  |  | 직원ID |
| Employee\_Position | Varchar2(20) |  |  |  |  |  | 직원위치 |
| Hire\_date | Date |  |  |  |  |  | 입사날짜 |
| Commission\_rate | Number |  |  |  |  | 10 | 커미션 |
| Salary | Number |  |  |  |  |  | 급여 |
| Personnel\_evaluation | Varchar2(200) |  |  |  |  |  | 인사평가 |
| Department\_number | Number | FK | NN | Departments | Department\_number |  | 부서번호 |

**Warehouses**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Warehouse\_number | Number | PK | NN |  |  |  | 창고번호 |
| Stock\_quantity | Number |  |  |  |  | 0 | 재고량 |
| Warehouse\_management\_number | Number | FK | NN |  |  |  | 창고관리번호 |
| Item\_number | Number | FK | NN | Items | Item\_number |  | 제품번호 |

**Purchases**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Nulls** | **FK Table** | **FK Column** | **Default** | **Column Desc** |
| Purchase\_number | Number | PK | NN |  |  |  | 구매번호 |
| Purchase\_reason | Varchar2(200) |  | NN |  |  | OUTOFSTOCK | 구매사유 |
| Purchase\_date | Date |  |  |  |  |  | 구매날짜 |
| Purchase\_quantity | Varchar2(200) |  | NN |  |  |  | 구매수량 |
| Item\_number | Number | FK | NN | Items | Item\_number |  | 제품번호 |
| Warehouse\_number | Number | FK | NN | Warehouses | Warehouse\_number |  | 창고번호 |
| Production\_line\_number | Number | FK | NN | Production\_line | Production\_line\_number |  | 생성라인번호 |