Parts Inventory System – Data Dictionary

**Entity Name: PART**

**Definition:** This table maintains the parts you currently have and their amount in inventory.

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| **Column Name** | **Datatype** | **PK** | **FK** | **NULL** | **Definition** |
| PART\_NUM | NUMBER(38) | T | F | F | Unique identifier of a part number |
| PART\_DESCRIPTION | VARCHAR2(20) | F | F | T | Description of part |
| PART\_QTYONHAND | NUMBER(38) | F | F | T | Amount of the part available |

**Entity Name: SUPPLIER**

**Definition**: This table maintains the suppliers you do business with.

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| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Datatype** | **PK** | **FK** | **NULL** | **Definition** |
| SUPPLIER\_CODE | NUMBER(38) | T | F | F | Unique identifier for Supplier Number |
| SUPPLIER\_NAME | VARCHAR(20) | F | F | T | Supplier Name |
| SUPPLIER\_ADDRESS | VARCHAR(20) | F | F | T | Supplier Address |
| SUPPLIER\_CITY | VARCHAR(20) | F | F | T | Supplier City |
| SUPPLIER\_STATE | CHAR(2) | F | F | T | Supplier State |
| SUPPLIER\_ZIP | CHAR(5) | F | F | T | Supplier Zip |
| SUPPLIER\_AREACODE | CHAR(3) | F | F | T | Supplier Area Code |
| SUPPLIER\_PHONE | CHAR(8) | F | F | T | Supplier Phone |

**Entity Name: ORD**

**Definition**: This table maintains the orders you create. Since there is only one item purchased per order, there is not a need for a line table. Additionally, in our simplified case (one receipt), we can track receipts in this table.

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| **Column Name** | **Datatype** | **PK** | **FK** | **NULL** | **Definition** |
| ORD\_NUM | NUMBER(38) | T | F | F | Unique identifier of an order number |
| PART\_NUM | NUMBER(38) | F | T | T | Part number |
| SUPPLIER\_CODE | NUMBER(38) | F | T | T | Supplier number |
| ORD\_QTY | NUMBER(38) | F | F | T | Quantity associated with an order |
| ORD\_DATE | DATE | F | F | T | Order Date |
| ORD\_RECQTY | NUMBER(38) | F | F | T | Order received date |
| ORD\_RECDATE | DATE | F | F | T | Quantity received date |

**Entity Name: SUPPPART**

**Definition**: This table maintains the list of suppliers and the parts they have been approved to provide. Recall that we are verifying approved suppliers for part numbers through referential integrity constraints.

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| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Datatype** | **PK** | **FK** | **NULL** | **Definition** |
| SUPPLIER\_CODE | NUMBER(38) | T | T | F | Unique identifier for Supplier Number |
| PART\_NUM | NUMBER(38) | T | T | F | Unique identifier of a part number |