Online Retail Project Data Dictionary

**I placed \* on attributes/characteristics that I was not sure of**

Customer

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| customerID | NOT NULL | NUMBER(10) | Primary Key |
| fName | NOT NULL | VARCHAR2(20) |  |
| mName |  | VARCHAR2(20) |  |
| lName | NOT NULL | VARCHAR2(20) |  |
| phone |  | NUMBER(10) | unique |
| email | NOT NULL | VARCHAR2(60) | unique |
| street | NOT NULL | VARCHAR2(50) |  |
| city | NOT NULL | VARCHAR2(20) |  |
| state | NOT NULL | CHAR(2) |  |
| zip | NOT NULL | CHAR(5) |  |

Cart

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| customerID | NOT NULL | NUMBER(10) | PPK |
| productID | NOT NULL | NUMBER(10) | PPK |
| quantity |  | NUMBER(1) | DEFAULT 1 |

Payment

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| paymentID | NOT NULL | NUMBER(6) | Primary Key |
| paymentType | NOT NULL | VARCHAR2(6) | “Debit” or “Credit” |
| paymentDigits | NOT NULL | NUMBER(4) |  |
| paymentCompany | NOT NULL | VARCHAR2(16) | “Visa”, “Mastercard”  “Amex”, “Bank of America”, “Capital One” |

Orders

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| orderID | NOT NULL | NUMBER(10) | Primary Key |
| shippingCost |  | NUMBER(6,2) |  |
| OrderTimestamp |  | DATE |  |
| customerID | NOT NULL | NUMBER(10) | FK(Customer) |
| paymentID |  | NUMBER(6) | FK(Payment) |

Shipment

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| trackingNo | NOT NULL | VARCHAR2(15) | Partial Primary Key |
| orderID | NOT NULL | NUMBER(10) | FK(Order) &  Partial Primary Key |
| street | NOT NULL | VARCHAR2(20) |  |
| city | NOT NULL | VARCHAR2(20) |  |
| state | NOT NULL | CHAR(2) |  |
| zip | NOT NULL | CHAR(5) |  |
| shippingCompany | NOT NULL | VARCHAR2(20) |  |

LineItem

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| line# | NOT NULL | NUMBER(2) | Partial Primary Key |
| orderID | NOT NULL | NUMBER(10) | FK(Order) &  Partial Primary Key |
| quantity | NOT NULL | NUMBER(1) |  |
| discount | NOT NULL | NUMBER(6,2) |  |
| productID | NOT NULL | NUMBER(10) | FK(Product) |

Returns

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| orderID | NOT NULL | NUMBER(10) | FK(Order) &  Partial Primary Key |
| productID | NOT NULL | NUMBER(10) | FK(product) &  Partial Primary Key |
| returnDate | NOT NULL | DATE |  |
| quantity | NOT NULL | NUMBER(2) |  |

Product

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| productID | NOT NULL | NUMBER(10) | Primary Key |
| productName | NOT NULL | VARCHAR2(50) |  |
| productDescription |  | VARCHAR2(50) |  |
| productQuantity | NOT NULL | NUMBER(3) |  |
| productPrice | NOT NULL | NUMBER(6,2) |  |
| productSection | NOT NULL | VARCHAR(5) | “Women”, “Men” or “Kids” |
| productColor | NOT NULL | VARCHAR2(30) |  |
| productCollection |  | VARCHAR2(30) |  |
| productCategory | NOT NULL | VARCHAR2(30) |  |

Shoes

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| shoesID | NOT NULL | NUMBER(10) | FK(Product) &  Primary Key |
| usSize | NOT NULL | NUMBER(3,1) |  |
| euSize | NOT NULL | NUMBER(3,1) |  |

Top

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| topID | NOT NULL | NUMBER(10) | FK(Product) &  Primary Key |
| topFit | NOT NULL | VARCHAR2(7) | “Regular” or “Tall” |
| topSize | NOT NULL | VARCHAR2(10) | “S”, “M”, “L”, “XL”, “XXL”, or “XXXL” |
| topType | NOT NULL | VARCHAR2(11) | “T-shirt”, “Long sleeve”, “Polo Shirt”, “Sweatshirt” or “Sleeveless” |

Bottom

|  |  |  |  |
| --- | --- | --- | --- |
| Column | NULL? | Type | Comments |
| bottomID | NOT NULL | NUMBER(10) | FK(Product) &  Primary Key |
| bottomFit | NOT NULL | VARCHAR2(7) | “Regular” or “Tall” |
| bottomSize | NOT NULL | VARCHAR2(10) | “S”, “M”, “L”, “XL”, “XXL”, or “XXXL” |
| bottomType | NOT NULL | VARCHAR2(11) | "Sweatpants”, “leggings”, “Pants”, or “Shorts”. |