**Invex: Sales and Inventory Management System ERD**

**A screenshot of a computer

Description automatically generatedERD**

**Invex: Sales and Inventory Management System Data Dictionary**

**Data Dictionary**

**Inventory Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Field Size** | **Primary/Foreign Key** |
| productID | int – Auto increment | 50 | PK |
| supplierID | int | 50 | FK |
| productName | varchar | 50 |  |
| productType | varchar | 50 |  |
| Brand | varchar | 50 |  |
| Model | varchar | 50 |  |
| Quantity | int | 50 |  |
| maxQuantity | int | 20 |  |
| unitCost | decimal | 20 |  |
| sellingPrice | decimal | 10,2 |  |
| supplierName | varchar | 10,2 |  |
| Status | varchar | 50 |  |
| dateCreated | varchar | 50 |  |
| dateUpdated | varchar | 50 |  |

**Orderitems Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Field Size** | **Primary/Foreign Key** |
| OrderItemID | int – Auto increment | 11 | PK |
| OrderID | int | 11 |  |
| ProductID | int | 11 | FK |
| Quantity | int | 11 |  |
| SellingPrice | decimal | 10,2 |  |
| UnitCost | decimal | 10,2 |  |
| SoldDate | datetime | 8 |  |

**Orders Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Field Size** | **Primary/Foreign Key** |
| OrderID | int | 11 | FK |
| userID | int | 11 | FK |
| subTotal | decimal | 10,2 |  |
| discount | varchar | 20 |  |
| totalPrice | decimal | 10,2 |  |
| amountReceived | decimal | 10,2 |  |
| changeAmount | decimal | 10,2 |  |
| OrderDate | datetime | 8 |  |

**Supplier Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Field Size** | **Primary/Foreign Key** |
| supplierID | int | 50 | PK |
| supplierName | varchar | 50 |  |
| contactNo | varchar | 11 |  |
| email | varchar | 50 |  |
| dateCreated | varchar | 50 |  |
| dateUpdated | varchar | 50 |  |

**Users Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Datatype** | **Field Size** | **Primary/Foreign Key** |
| userID | int – Auto increment | 20 | PK |
| userName | varchar | 20 |  |
| userPass | varchar | 255 |  |
| userSalt | varchar | 255 |  |
| userType | varchar | 20 |  |
| firstName | varchar | 20 |  |
| middleName | varchar | 20 |  |
| lastName | varchar | 20 |  |
| dateCreated | varchar | 20 |  |
| dateUpdated | varchar | 20 |  |