|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Contacts ID | The unique ID of the Contacts’ details | Character size 12, range: CD0000000001- CD9999999999 | Primary key |
| User ID | The unique ID of the Account | Character size 12, range: AC0000000001- AC9999999999 | Foreign key |
| User Email | The email address of the user | Character size:30 | Entered manually |
| User Phone number | The phone number of the user excluding country code | Integer size:10 | Entered manually |

Contact details table:

Account table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| User ID | The unique ID of the Account | Character size 12, range: AC0000000001- AC9999999999 | Primary key |
| User Password | The password of the user | Character size: 8-30 | Entered manually |
| User Status | The status of the user’s account | ‘Customer’ or ‘RegAdmin’ or ‘Admin’ | Multivalued attribute |
| User DOB | The date of birth of the user | Date | Entered manually |
| User Sex | The sex of the user | ‘Male’ or ‘Female’ | Multivalued attribute |
| User SName | The second name of the user | Character size: 20 | Entered manually |
| User FName | The first name of the user | Character size: 20 | Entered manually |

Delivery address table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Address ID | The unique ID of the Address’s record | Character size 12, range: AD0000000001- AD9999999999 | Primary key |
| User ID | The unique ID of the Account | Character size 12, range: AC0000000001- AC9999999999 | Foreign key |
| County | County for a delivery | Character size: 20 | Entered manually |
| Street | Street for a delivery | Character size: 30 | Entered manually |
| Country | Country for a delivery | Character size: 30 | Entered manually |
| City | City for a delivery | Character size: 30 | Entered manually |
| ZIP | ZIP for a delivery | Character size: 7 | Entered manually |

Order (Basket) table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Order ID | The unique ID of the Order (Basket) | Character size 20, range: OD000000000000000001- OD999999999999999999 | Primary key |
| Address ID | The unique ID of the Address’s record | Character size 12, range: AD0000000001- AD9999999999 | Foreign key |
| User ID | The unique ID of the Account | Character size 12, range: AC0000000001- AC9999999999 | Foreign key |
| Order Status | The status of the order is used to define the processed stage of the order. | ‘Basket’ or ‘Requested’ or ‘Shipped or ‘Delivered’ | Multivalued attribute |
| Total Price | The total price of the products included in the order | Integer size:10 | Calculated automatically by the back end |

Category table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Cat ID | The unique ID of the Category for the group of products | Character size 12, range: CI0000000001- CI9999999999 | Primary key |
| Cat Name | The name of the Category | Character size: 20 | Entered manually |

Product table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Product ID | The unique ID of the Product | Character size 12, range: PI0000000001- PI9999999999 | Primary key |
| Man ID | The unique ID of the Manufacturer | Character size 12, range: MI0000000001- MI9999999999 | Foreign key |
| Product Name | The name of the product | Character size: 30 | Entered manually |
| Product Discount | The discount for the product | Integer size:3 | Entered manually |
| Product Price | The price for the product | Integer size:7 | Entered manually can be affected by the discount |
| Cat ID | The unique ID of the Category for the group of products | Character size 12, range: CI0000000001- CI9999999999 | Foreign key |

Linked Order and Products table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Order ID | The unique ID of the Order (Basket) | Character size 20, range: OD000000000000000001- OD999999999999999999 | Foreign key |
| Product ID | The unique ID of the Product | Character size 12, range: PI0000000001- PI9999999999 | Foreign key |
| Amount Product | Amount of the product in the order | Integer size:2 | Entered manually |

Warehouse table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Warehouse ID | The unique ID of the Warehouse | Character size 12, range: WI0000000001- WI9999999999 | Primary key |
| Warehouse Name | The name of the Warehouse | Character size: 20 | Entered manually |

Manufacture table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Man ID | The unique ID of the Manufacturer | Character size 12, range: MI0000000001- MI9999999999 | Primary key |
| Man Name | The name of the Manufacturer | Character size: 20 | Entered manually |

Linked Warehouse and Products table:

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Meaning | Definition | Extra information |
| Warehouse ID | The unique ID of the Warehouse | Character size 12, range: WI0000000001- WI9999999999 | Foreign key |
| Product ID | The unique ID of the Product | Character size 12, range: PI0000000001- PI9999999999 | Foreign key |
| Product Stock | Amount of product in stock | Integer size:10 | Entered manually and can be changed by the back end depending on the task |