Таблица 1 – Словарь данных

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Ключ | Поле | Тип данных | Обязательное | Примечание |
| User | | | | |
| PK | idUser | int | + | Автоинкрементное |
|  | login | nvarchar(20) | + | Уникальное |
|  | password | nvarchar(30) | + |  |
|  | phone | nvarchar(11) | + |  |
|  | surname | nvarchar(50) | + |  |
|  | name | nvarchar(50) | + |  |
|  | patronymic | nvarchar(50) | - |  |
| Manufacturer | | | | |
| PK | idManufacturer | int | + | Автоинкрементное |
|  | name | nvarchar(100) | + | Уникальное |
|  | country | nvarchar(100) | + |  |
| Category | | | | |
| PK | idCategory | int | + | Автоинкрементное |
| FK | idMainCategory | int | - | != idCategory |
|  | name | nvarchar(50) | + |  |
| Product | | | | |
| PK | idProduct | int | + | Автоинкрементное |
| FK1 | idManufacturer | int | + |  |
| FK2 | idCategory | int | + |  |
|  | name | nvarchar(100) | + | Уникальное |
|  | price | decimal(8, 2) | + | > 0 |
|  | description | nvarchar(MAX) | - |  |
|  | quantity | smallint | + | >= 0 |

Продолжение таблицы 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Ключ | Поле | Тип данных | Обязательное | Примечание |
| Order | | | | |
| PK | idOrder | int | + | Автоинкрементное |
| FK | idUser | int | + |  |
|  | orderDate | smalldatetime | + | По умолчанию: GetDate() |
|  | deliveryDate | smalldatetime | + | >= orderDate |
|  | deliveryAddress | nvarchar(300) | + |  |
| OrderProduct | | | | |
| PK  FK1 | idOrder | int | + |  |
| PK  FK2 | idProduct | int | + |  |
|  | quantity | smallint | + | > 0 |
| Comment | | | | |
| PK  FK1 | idProduct | int | + |  |
| PK  FK2 | idUser | int | + |  |
|  | rating | decimal(3, 1) | + | >= 1 && <= 10 |
| ProductImage | | | | |
| PK | idImage | int | + | Автоинкрементное |
| FK | idProduct | int | + |  |
|  | image | varbinary(MAX) | + |  |