|  |  |
| --- | --- |
| **Users** | |
| Field | Type |
| UserID | BigAuto PK |
| Username | Char(30) |
| Password | Char(30) |
| Avatar | Image |
| Bio | Char(128) |
| Email | Char(128) |
| PhoneNo | Char(11) |

|  |  |
| --- | --- |
| **Sellers** | |
| Field | Type |
| UserID | BigAuto PK, FK |
| SellerName | Char(30) |
| Rating | Integer (1-5) |

|  |  |
| --- | --- |
| **Stores** | |
| Field | Type |
| StoreID | BigAuto PK |
| StoreName | Char(30) |
| StoreDescription | Integer (1-5) |
| StoreTag1 | Char(30) FK |
| StoreTag2 | Char(30) |
| … | … |
| StoreTag5 | Char(30) |

|  |  |
| --- | --- |
| **Items** | |
| Field | Type |
| ID | BigAuto PK |
| StoreID | BigAuto FK |
| SellerID | BigAuto FK |
| UserID | BigAuto FK |
| SellerName | Char(20) FK |
| BuyerName | Char(20) FK |
| isDigitalTag | Boolean |
| otherTag1 | Char(30) FK |
| otherTag2 | Char(30) FK |
| … | … |
| otherTags5 | Char(30) FK |
| Description | Char(128) |
| Image | Image |
| Condition | Char(10) (either “new”, “ |
| ListedTime | DateTime |
| SellTime | DateTime |
| BuyNowPrice | Double |
| **Tags** | |
| Field | Type |
| TagID | BigAuto PK, FK |
| TagName | Char(30) |