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| --- | --- |
| **Users** | |
| Field | Type |
| UserID | BigAuto PK |
| Username | Char(30) |
| Password | Char(32) |
| ProfilePicture | Image |
| Description | Char(128) |
| Email | Char(128) |
| PhoneNo | Char(11) |

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

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| --- | --- |
| **Stores** | |
| Field | Type |
| StoreID | BigAuto PK, |
| StoreName | Char(30) |
| StoreDescription | Char(128) |
| StoreTags1 | AutoInt FK |
| StoreTags2 | AutoInt FK |
| … | … |
| StoreTags5 | AutoInt FK |

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| --- | --- |
| **Items** | |
| Field | Type |
| ID | BigAuto PK |
| SellerID | Char(20) FK |
| BuyerID | BigAuto FK |
| SellerName | Char(20) FK |
| BuyerName | Char(20) FK |
| isDigitalTag | Boolean (required) |
| otherTags1 | AutoInt FK |
| otherTags2 | AutoInt FK |
| … | … |
| otherTags5 | AutoInt FK |
| Description | Char(128) |
| Image | Image |
| Condition | Char(10) (either “new”, “ |
| ListedTime | DateTime |
| SellTime | DateTime |
| BuyNowPrice | Double |

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| --- | --- |
| **Tags** | |
| Field | Type |
| TagID | AutoInt PK |
| TagName | Char(30) |

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| --- | --- |
| **Bids** | |
| Field | Type |
| BidID | BigAuto PK |
| ItemID | BigAuto FK |
| UserID | BigAuto FK |
| BidTime | DateTime |
| BidPrice | Boolean |