**Buyer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| BuyerID | Yes | Auto-number | 8 | Primary Key |
| LastName | Yes | Text | 25 |  |
| FirstName | Yes | Text | 25 |  |
| StreetAddress | Yes | Text | 50 |  |
| Suburb | Yes | Text | 20 |  |
| City | Yes | Text | 20 |  |
| EmailAddress | Yes | Text | 30 |  |
| PhoneNumber | Yes | Text | 15 |  |
| CreditStatus | Yes | Text | 7 | Valid, invalid |
| MortgageStatus | Yes | Text | 10 | Confirmed, unconfirmed |
| AgentID | Yes | Foreign Key (AGENT) |  |  |

**Agent**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| AgentID | Yes | Auto-number | 8 | Primary Key |
| LastName | Yes | Text | 25 |  |
| FirstName | Yes | Text | 25 |  |
| StreetAddress | Yes | Text | 50 |  |
| Suburb | Yes | Text | 20 |  |
| EmailAddress | Yes | Text | 30 |  |
| PhoneNumber | Yes | Text | 15 |  |
| Certification | Yes | Text | 3 | Yes, no |
| Salary | Yes | Text | 10 | 70,000 – 200,000 inclusive |

**Seller**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| SellerID | Yes | Auto-number | 8 | Primary Key |
| LastName | Yes | Text | 25 |  |
| FirstName | Yes | Text | 25 |  |
| StreetAddress | Yes | Text | 50 |  |
| Suburb | Yes | Text | 20 |  |
| EmailAddress | Yes | Text | 30 |  |
| PhoneNumber | Yes | Text | 15 |  |
| Status | Yes | Text | 8 | Active, inactive |

**Property**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| PropertyID | Yes | Auto-number | 8 | Primary Key |
| Descirption | Yes | Text | 25 |  |
| Status | Yes | Text | 25 | Available, unavaliable |
| StreetAddress | Yes | Text | 50 |  |
| Price | Yes | Text | 20 |  |
| SuburbID | Yes | Foreign Key (Suburb) | 30 |  |
| CategoryID | Yes | Foreign Key (Category) | 15 |  |
| SellerID | Yes | Foreign Key (Seller) | 8 |  |

**Suburb**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| SuburbID | Yes | Auto-number | 8 | Primary Key |
| SuburbName | Yes | Text | 25 |  |
| Postcode | Yes | Text | 25 |  |

**Category**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| CategoryID | Yes | Auto-number | 8 | Primary Key |
| Description | Yes | Text | 25 |  |
| Level | Yes | Text | 25 |  |

**Buyer-Suburb**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| BuyerID | Yes | Foreign Key (BUYER) | 8 |  |
| SuburbID | Yes | Foreign Key (SUBURB) | 8 |  |
| Importance | Yes | Text | 25 | High, medium, low |

**Buyer-Category**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Required** | **Data Type** | **Maximum Length** | **Range/List** |
| BuyerID | Yes | Foreign Key (BUYER) | 8 |  |
| CategoryID | Yes | Foreign Key (CATEGORY) | 8 |  |
| Importance | Yes | Text | 25 | High, medium, low |