**Data Dictionary**

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| Lenders (1) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| LenderID | TEXT | YES | 6 | Lender unique Identification number | PK |
| LenderAssitantName | TEXT | YES | 25 | Lenders Office Assistant first and last name |  |
| LenderAreaCode | TEXT | YES | 5 | Lenders Phone area code |  |
| LenderPhoneNumber | TEXT | YES | 8 | Lenders Phone Number |  |
| LenderStreet | TEXT | NO | 25 | Lenders street address |  |
| LenderCity | TEXT | NO | 25 | Lenders city of residency |  |
| LenderState | TEXT | NO | 2 | Lenders state of residency |  |
| LenderZip | TEXT | NO | 5 | Lenders zip code |  |
| LenderType | TEXT | NO | 25 | Bank, Private Money Lender, Investor, Nonprofit Organization, etc. |  |

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| Employees (2) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| EmployeeID | TEXT | YES | 6 | Employee unique Identification number | PK |
| EmployeeName | TEXT | YES | 25 | Employee first and last name |  |
| EmployeeAreaCode | TEXT | YES | 5 | Employee Phone area code |  |
| EmployeePhoneNumber | TEXT | YES | 8 | Employee Phone Number |  |
| EmployeeStreet | TEXT | NO | 25 | Employee street address |  |
| EmployeeCity | TEXT | NO | 25 | Employee city of residency |  |
| EmployeeState | TEXT | NO | 2 | Employee state of residency |  |
| EmployeeZip | TEXT | NO | 5 | Employee zip code |  |

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| Loans (3) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| LoanNum | TEXT | YES | 6 | Unique Loan Identification number | PK |
| LenderID | TEXT | YES | 6 | Lender unique Identification number | FK |
| EmployeeID | TEXT | YES | 6 | Employee unique Identification number | FK |
| LoanRepName | TEXT | NO | 25 | Loan Representative first and last name |  |
| LoanType | TEXT | NO | 15 | Conventional, FHA, VA, Jumbo, Government, Refinance |  |
| LoanRate | TEXT | NO | 6 | Interest rates |  |
| LoanTerm | TEXT | NO | 15 | Loan term length |  |
| LoanAmount | CURRENCY | NO | - | Agreed loan amount |  |
| LoanAppOpenDate | DATE | NO | - | Application submission date |  |
| LoanAppCloseDate | DATE | NO | - | Application termination date |  |

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| Contractors (4) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| ContractorID | TEXT | Yes | 6 | Contractor’s ID # | PK |
| ContractorName | TEXT | Yes | 25 | Name of contractor first and last name |  |
| ContractorAreaCode | TEXT | Yes | 5 | Contractor’s area code |  |
| ContractorPhoneNumber | TEXT | Yes | 8 | Contractor’s phone # |  |
| ContractorStreet | TEXT | No | 25 | Contractor’s street address |  |
| ContractorCity | TEXT | No | 25 | Contractor’s city |  |
| ContractorState | TEXT | No | 2 | Contractor’s state |  |
| ContractorZip | TEXT | No | 5 | Contractor’s zip code |  |
| ContractorType | TEXT | Yes | 25 | What contractor specializes in |  |
| ContractorLicense# | TEXT | Yes | 25 | Contractor’s license # |  |
| ContractorInsurance# | TEXT | Yes | 25 | Contractor’s insurance # |  |

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| WorkOrders (5) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| OrderID | TEXT | YES | 6 | ID # for Orders | PK |
| EmployeeID | TEXT | YES | 6 | ID# for Employee | FK |
| ContractorID | TEXT | YES | 6 | ID # for Contractor | FK |
| Description | TEXT | NO | 50 | Issues regarding work order |  |
| Qty | TEXT | NO | 10 | How many items are required |  |
| ManHrs | TEXT | NO | 10 | How long is the Job in hours |  |
| QuotedPrice | CURRENCY | NO | - | Estimated contractor price |  |
| PayDate | DATE | NO | - | Payment due date |  |

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| Agents (6) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| AgentID | TEXT | YES | 6 | Agent unique Identification number | PK |
| AgentName | TEXT | YES | 25 | Agent name first and last name |  |
| AgentAreaCode | TEXT | YES | 5 | Agent Phone area code - (\*\*\*) |  |
| AgentPhoneNumber | TEXT | YES | 8 | Agent Phone Number - \*\*\*-\*\*\*\* |  |
| AgentStreet | TEXT | NO | 25 | Agent street address |  |
| AgentCity | TEXT | NO | 25 | Agent city of residency |  |
| AgentState | TEXT | NO | 2 | Agent state of residency |  |
| AgentZip | TEXT | NO | 5 | Agent zip code |  |
| AgentType | TEXT | NO | 7 | Listing or Buyer’s Agent |  |

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| Clients (7) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| ClientID | TEXT | YES | 6 | Client unique Identification number | PK |
| AgentID | TEXT | YES | 6 | Agent unique Identification number | FK |
| ClientName | TEXT | YES | 25 | Client name first and last name |  |
| ClientAreaCode | TEXT | YES | 5 | Client Phone area code - (\*\*\*) |  |
| ClientPhoneNumber | TEXT | YES | 8 | Client Phone Number - \*\*\*-\*\*\*\* |  |
| ClientStreet | TEXT | NO | 25 | Client street address |  |
| ClientCity | TEXT | NO | 25 | Client city of residency |  |
| ClientState | TEXT | NO | 2 | Client state of residency |  |
| ClientZip | TEXT | NO | 5 | Client zip code |  |
| ClientType | TEXT | NO | 25 | Single Person, Family, Real Estate Investor, Commercial Investor |  |
| ClientDOB | DATE | NO | - | Client date of birth |  |

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| Properties (8) | | | | | |
| Name | **Type** | **Required?** | **Size** | **Description** | **Key** |
| PropertyID | TEXT | YES | 6 | Property unique Identification number | PK |
| ClientID | TEXT | YES | 6 | Client unique Identification number | FK |
| EmployeeID | TEXT | YES | 6 | Employee unique Identification number | FK |
| PropertyName | TEXT | NO | 25 | Property name first and last name |  |
| PropertyStreet | TEXT | NO | 25 | Property street address |  |
| PropertyCity | TEXT | NO | 25 | Property city of residency |  |
| PropertyState | TEXT | NO | 2 | Property state of residency |  |
| PropertyZip | TEXT | NO | 5 | Property zip code |  |
| PropertyType | TEXT | NO | 25 | Single Family, multi Family, Commercial, etc. |  |
| PropertyLead | TEXT | NO | 25 | MLS, Wholesale, Marketing, etc. |  |
| PropertyClass | TEXT | NO | 25 | Low, Mid, High, etc. |  |