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| **Database** | |
| Add  Remove  Update  searchReferences List of keywords  getArticle | Article  Source  Reference  Keyword  Graph |

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| **Article** | |
| Title  Author  Source  Date  Source ID |  |

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| **Source** | |
| ID  Name  Source URL |  |

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| --- | --- |
| **User** | |
| Add  Remove  Change  Save  Categorization Info  Search  Visualization  List of data |  |

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| **Librarian**  User | |
| Retrieves data  Export data into Compatible format |  |

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| --- | --- |
| **Reference** | |
| Article name  Source from  Sources to  Article references to |  |

|  |  |
| --- | --- |
| **Graph** | |
| Name  Type | Reference  Multi-Graph |

|  |  |
| --- | --- |
| **Multi Graph**  Graph | |
| Multi-source and article |  |

|  |  |
| --- | --- |
| **Reference**  Graph | |
| Single article  Single-source  Multi-sources  References used  Sources used |  |