Link used to follow and generate this: <http://agilemodeling.com/artifacts/crcModel.htm>

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| --- | --- |
| **Database** |  |
| Add\_article  Add\_keyword  Add\_reference  Add\_source  Delete\_by\_id  Get\_by\_id  Get\_Articles  Get\_keywords  Get\_references  Get\_sources | Article  Source  Reference  Keyword  User |

|  |  |
| --- | --- |
| **Server** |  |
| add\_item  remove\_item  modify\_item  get\_items  users  login  render\_page  get\_visualization  get\_article\_references | Database  Visualization  Web |

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| --- | --- |
| **Article** |  |
| Source  Title  Author  URL  Date |  |

|  |  |
| --- | --- |
| **Source** |  |
| Name  Source (URL) |  |

|  |  |
| --- | --- |
| **Reference** |  |
| Article Name  Source to  Article reference to |  |

|  |  |
| --- | --- |
| **Keyword** |  |
| Source  Name |  |

|  |  |
| --- | --- |
| **Visualizations** |  |
| Render  Export | Database |

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| --- | --- |
| **Network Graph Visualization** | Subclass of Visualizations |
| References  Source Nodes  Article Nodes  Edges |  |

|  |  |
| --- | --- |
| **Web** |  |
| find\_article\_references | Database |

|  |  |
| --- | --- |
| **User** |  |
| Username  Password  add\_item  remove\_item  modify\_item  Save  Categorize  Search  Visualize  List(s) of data | Server |

|  |  |
| --- | --- |
| **Librarian** | Subclass of User |
| Retrieves data  Export data |  |