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| **Librarian** | | | |
| **Week(s) Required** | **Part** | **Priority** | **User Stories** |
| 1 | A | H | 1. As a Librarian, I want to be able to execute scripts to collect and store links between news sites, so that it can be used for further analysis. | |
| H | 1. As a Librarian, I want the application to use open standards, so that it will be effortless to modify and understand by anyone. | |
| H | 1. As a Librarian, I want the application to use Web ARChive (WARC) file format, so that it is compatible with my working environment. | |
| 3 | B | H | 1. As a Librarian, I want the capability to directly edit the depth and size limit of which makes application halt, so that I have full control of the volume of data to store. | |
| H | 1. As a Librarian, I want the capability to halt the application at any time in safe way, so that I can stop the operation in time of emergency and still keep the data. | |
| M | 1. As a Librarian, I want the capability to directly edit the input URLs, so that I can ensure the reliability and usability of researcher's input. | |
| M | 1. As a Librarian, I want the capability to directly edit the configuration file for determining exclusions, so that result will not include irrelevant data. | |
| L | 1. As a Librarian, I want the capability to directly edit the configuration file for micro settings, so that I can optimize the output of the program. | |
| 2 | C | H | 1. As a Librarian, I want the capability to retrieve particular stored data that gets executed through terminal and outputs in XML or JSON format, so that I can use the data for further analysis. | |
| M | 1. As a Librarian, I want to be able to find out the date in which post have been stored, so that I can find any difference from previous iteration. | |
| M | 1. As a Librarian, I want to have full permission to modify the application, so that my workers and I can manage the application after production. | |
| L | 1. As a Librarian, I want the capability to delete particular stored data that gets executed through terminal, so that irrelevant data can be manually removed with ease. | |
| L | 1. As a Librarian, I want the capability to modify and merge stored data that gets executed through terminal, so that I can increase clarity of the data. | |

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| **Researcher** | | | |
| **Week(s) Required** | **Part** | **Priority** | **User Stories** |
| 1 | A | H | 1. As a Researcher, I want to login to with my user ID and password, so that I can subscriber content. |
| M | 1. As a Researcher, I want to be able to reset my password with security question, so that I can set new password if I forget the old one. |
| L | 1. As a Researcher, I want to logout automatically after a period of time, so that someone else won’t see the collected data. |
| 2 | B | H | 1. As a Researcher, I want to define a list of global English-language news sources to monitor, so that I can set the scope of my research. |
| H | 1. As a Researcher, I want to be able to view statistics of the collected data, so that I can make use of statistics in my research. |
| M | 1. As a Researcher, I want to modify the list of sources that are monitored, so that I can adjust my research scope as needed. |
| 3 | C | H | 1. As a Researcher, I want to have a search feature, so that I could find my information more efficiently. |
| M | 1. As a Researcher, I want to have a sorting feature, so that I could get my information faster and organized. |
| M | 1. As a Researcher, I want to be able to view the collected data in interactive visualizations, so that I am more efficient in my analysis and presentation of the data. |
| L | 1. As a Researcher, I want to switch visualizations so that I can analyse data in different aspects. |
| L | 1. As a Researcher, I want to help button, so that they non technological-savvy can ask for help easily. |
| L | 1. As a Researcher, I want to have an auto notification feature, so that I won't miss any my interested topic news I have set in the computer. |