**Iteration Plan 2**

For Iteration 2, we are planning to work on moving the data to a usable and open form. After working on the backend of getting metadata from twitter and articles, we wanted to be able to use this data. We looked at XML and JSON to possible be used so that we could use the data for further analysis. We also wanted to implement the customization of editing specific URLs for the Librarian to use.

After meeting with our group and evaluating the user stories, we decided to work on 3 User Stores (#2, 5, and 7). This is because they have to do with the above, and they will be fundamental parts for the rest of our software; especially when moving on to visualizing the data. We have sorted the user stories by Priority, then by Cost.

**Total User Stories: 3  
Total Cost: 10 Hours  
Start: November 1st 2014  
End: November 6th, 2014**

|  |  |  |
| --- | --- | --- |
| **USER STORIES** | | |
| **Cost (Hours)** | **Priority**  **(H/M/L)** | **User Story** |
| 4 | H | 2. As a Library Programmer, I want the application to use open standards, so that it will be effortless to modify and understand by anyone. |
| 4 | H | 7. As a Library Programmer, 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. |
| 2 | M | 5. 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. |

**Iteration Plan 3**

For Iteration 3, we wanted to mostly focus on the user stories from the Researcher. In iteration 2 we focused on making the data collected from our article and twitter explorer intro usable XML format. Now that we have that we want the Researcher to be able to observe, search, sort and use this data. At the same time we realise that each Researcher may have a different focus, so we want them to be able to have an account to subscribe to their own interests. We also need to improve our explorers so that a librarian can stop in emergency.  
  
 After meeting with our group and evaluating the user stories, we decided to work on 3 User Stores (#4, 11, 12, 16, 17, and 18). This is because they have to do with the above, and they will be key so that we can start working on a clean version of the frontend product. We have sorted the user stories by priority and then cost.

**Total User Stories: 6  
Total Cost: 21 Hours  
Start: November 7th 2014  
End: November 13th, 2014**

|  |  |  |
| --- | --- | --- |
| **USER STORIES** | | |
| **Cost (Hours)** | **Priority**  **(H/M/L)** | **User Story** |
| 8 | H | 18. 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. |
| 5 | H | 4. 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. |
| 3 | H | 16. As a Researcher, I want to have a search feature, so that I could find my information more efficiently. |
| 2 | H | 11. As a Researcher, I want to login to with my user ID and password, so that I can access my personal stored content. |
| 2 | M | 17. As a Researcher, I want to have a sorting feature, so that I could get my information faster and organized. |
| 1 | M | 12. 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. |

**Project Velocity**

Since we are using different costs for iteration 2 and 3, we have decided not to include iteration 1 for project velocity.

In Iteration 2, we completed 10 hours in the span of 7 days, and in iteration 3 we completed 8 hours with user stories 18 and 4 uncompleted. We have however had some progress on those user stories so we will add 2 more hours to iteration 3 completion. Thus we have 10 hours for both iteration 2 and 3. Our velocity for both iterations were 10 hours per iteration of 7 days. We will try to make future iterations follow this velocity.