

## **Sprint 1 Review**

We met with the stakeholders on Monday April 3rd to discuss the progress that we have made with the product. We met with a CP, David, who looked at all of the products that we had completed. For every requirement that he checked, he also looked at the unit tests and acceptance tests that were related to that particular requirement. After meeting with the stakeholders, we received some valuable feedback. Any feedback that involves any changes to our features will require us to put those features back onto our sprint log. For example, on the list of papers, our Word Frequency did not accurately calculate the correct frequency of the word in the paper. Because this feature was not fully implemented, we will be putting it back on the Sprint Backlog. One of the first observations our stakeholders made was related to our black box acceptance tests. Our stakeholder told us that we did not have blackbox tests for certain features that we had implemented. These features that we had implemented but did not have black box tests are: clicking on the title pops up the abstract, having a search history that displays previous searches, and looking at PDFs in new text files. We had black box tests for almost all of the features that we had completed, but only a few had been not completed. This is something that we can easily fix for the next sprint. Our stakeholder also realized that one of our black box tests related to the feature of displaying the word frequency of the clicked word in the word cloud was incorrectly done. We had designed the test case so that it would pass for the specific way we envisioned its implementation rather than designing the test case specifically to the what the requirement wanted. Because of this, the test case would pass even though the requirement was not correctly implemented as the requirement specified. This means for future features and requirements, the black box tests must accurately reflect what the product can do. Some of our black box tests will fail while others will pass. During our discussion, the stakeholder also revealed another additional feature to us. He told us that we need to give the user options to sort the columns alphabetically for any table displayed in the project. This means the author column, the paper title column, and the conference column must be sortable from A to Z as well as Z to A. Finally, one small change the stakeholder mentioned was to change the title of the column "Source" to "Conference." Overall, the stakeholder praised us on how much we were able to accomplish in Sprint 1 and mentioned that we were very ahead of schedule. He also mentioned that our product was more complete than other team's products.