

| Sprint Backlog # | Next | In Progress | Done | |
|------------------|---|---|---|--|
| 1 | Given a search query, gather a list of ACM papers in PHP | | | |
| | Given a search query, gather a list of IEEE papers in PHP | | Given a search query, gather a list of IEEE papers in PHP | |
| | Gather paper texts for all desired papers | | Gather paper texts for all desired papers | |
| | Ramp up on word cloud software | | Ramp up on word cloud software | |
| | Feed paper text to word cloud software | | Feed paper text to word cloud software | |
| 2 | Create page layout | | Create page layout | |
| | Once enter or the search button is clicked, pass the search terms to the database reference | | Once enter or the search button is clicked, pass the search terms to the database reference | |
| | Create communication from js to php to js | | Create communication from js to php to js | |
| | Bring the papers list to js | | Bring the papers list to js | |
| 3 | Make each word clickable | | Make each word clickable | |
| | Use the clicked word to generate a search for all the papers of that word | | Use the clicked word to generate a search for all the papers of that word | |
| | Repeat the process of generating the word cloud from all the papers | | Repeat the process of generating the word cloud from all the papers | |
| 4 | Make the title of the paper clickable | | Make the title of the paper clickable | |
| | Each paper in the list should include: the title, author, conference, frequency of the word, downloading link | Each paper in the list should include: the title, author, conference, frequency of the word, downloading link | | |
| | Once the title is clicked, the abstract is available for reading | | Once the title is clicked, the abstract is available for reading | |
| | Highlight all occurrences of the selected word in the abstract | | Highlight all occurrences of the selected word in the abstract | |
| | User should be able to download PDF version of the paper with highlighted words | User should be able to download PDF version of the paper with highlighted words | | |
| 5 | Make author names clickable | | Make author names clickable | |
| | Once author is clicked, a new search based on that author will begin | | | |
| 6 | Given a paper, there should be a download link from the digital library | | Given a paper, there should be a download link from the digital library | |
| | Given a paper, the user should be able to click on a link to go to the bibtex | | | |
| 7 | Given the user wants to create a PDF, create a PDF out of the list | | Given the user wants to create a PDF, create a PDF out of the list | |
| | Given the user wants to export as plain text, export the plain text of the list | | | |
| 8 | For each paper, clicking on a paper's conference name will list other papers from that conference | | For each paper, clicking on a paper's conference name will list other papers from that conference | |
| 9 | Access previously entered searches | | Access previously entered searches | |
| | Create the layout of the search history | | Create the layout of the search history | |
| | Store the search history and display the results | | Store the search history and display the results | |