

Overview:

My project is about searching articles published by author name and title. User can filter the search results by different means like affiliation, open access, number of citations and journal name. I am also planning to make a dashboard where you can save the open access pdf to and add other features as the project is structured.

At this moment, I have implemented Semantic Scholar API. The API gives many papers based on the Author name. I have used the filter method to filter out all the papers that are not affiliated with 'Iowa State University' (in later stage it will be changed to user input, and they can use any other affiliation). I have also categorized the papers in two lists i.e., with and without open access. Then I used Tkinter GUI and displayed all the papers that are open access in GUI text box.

Next, I am planning to use Flask and make a website that will display all the results. In addition, open access pdf file can be opened from the website.

In the final stage, I will make a dashboard in that website and will give option to user to save the papers. They can save paper in two ways. First is to save the paper title and some of the information like author, affiliation, co-author, and journal name. Second is to save the pdf for the open access articles. I am also planning to sort those saved articles in dashboard using different options like sort by publication date, author name and others.