2.1 Comparative Study of Reviewed Paper

After talking to the seniors of our college, we could figure out as to what were some things which should necessarily be incorporated, i.e. things which created a major barrier in the research work.

The researcher can be student or a group of students, or some independent researcher or a team of researcher. We can categories this and in case of students, their guide can keep a track on their work.

Some issues faced and how we can overcome them have been discussed below.

Firstly, the data may itself be irrelevant or unwanted for the topic of research and may also be from some irrelevant/untrusted source. Figuring out some good quality data from the numerous amount of data available felt like too much of manual work. We could provide them with a search engine and search for the information using techniques like keyword searches or abstract extraction. Then, classifying them into most relevant, somewhat relevant and least relevant is something that can be practiced to overcome the barrier. In addition to this, most of the times the research papers used for study do not explicity contain the disadvantages, or comparison with previously implemented models etc, so it becomes very difficult for a lone researcher to study the entire thing thouroughly just to know that where can he improve on the already implemented models. A tool which could study the entire paper, summarise it and provide him with explicit details like those mentioned above, would make his work a lot easier. It is very obvious and a standard habit that if a researcher finds a paper relevant to his project, he is likely to gather more information by looking at the references and citations of the same. If we could aim and provide them with clickable links on the citations, it will a lot more helpful to them.

After the study is done, the next step is to write out our research. It is always a good idea to first jot down all that comes to our mind and then filter it out. Based on this idea, incorporating a tool like Ghost Writer will help the researcher to write down his mind without providing them to use the backspace key. This will ensure that he has covered all the points and does not concentrate more on things like formatting at this stage. A calender with dates about the upcoming conferences will also be provided for them to aim at the best.

The final thing relates to the documentation. Most research journals tend to have their own format which means everything right from what size margin to fontsize, font type, paragraph spacing, etc. Incorporating tools like Overleaf or TypeSet could help automate the document format. Additionally, paid cloud storage with encryption will help to keep a backup of their work.

Last but not the least, for every researcher, keeping a progress record of their work is very important. Motivating them to finish their work by setting reminders and deadlines.

Hence, we have tried to look into all the possible issues faced and thorugh our project, we wish to provide a consolidated platform right from study to paraphrasing it and then documenting it.

As a part of user requirement gathering and analysis

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