

# CHAPTER I

## INTRODUCTION

### A. Background of the study

Many mistakes made by most of the pre-service teachers are related to writing citations and bibliography is very worrying. Appearance This phenomenon has resulted in the presence of a new technology to overcome the problem. (Wicaksono & Nurpratama, 2018). Over the past 30 years, the term Reference Management Software (RMS) emerged, bringing many conveniences to scholars, researchers, teachers and students, helping to perform management activities, managing references by assisting in the preparation of scientific articles. The invention of RMS is one of the impacts of technological development. In addition, the development of technology is also inseparable from the existence of the internet as a means of communication so as to eliminate all physical boundaries that separate humans and unite them in a new world, namely the "virtual" world.

In writing the paper required accuracy in doing citations. (Siregar, 2011) says "citation is a reference to a book, articles, web pages, or other publications with sufficient detail to uniquely identify the source". This is done to avoid plagiarism that has been a special note in the process education in Indonesia, especially in universities. Therefore, students and lecturers should be familiar with citation conventions relevant to respective disciplines. The inclusion of citations is placed in the text and bibliographic entries in the bibliography. The bibliography reflects the existence of a quote that has been referred to or cited by the author on scientific writing body. The goal is to get an enrichment of ideas from a focus on the subject of the theme that will be explained in his scientific writing, by comparing ideas, images, and results that have been achieved by the author others to be referred to in the bibliography.

Managing citations and references in academic writing context is highly important. Students are required to know the citation style they used in their writing to prevent plagiarism (Santosa et al., 2021). Surprisingly, there are several problems that EFL students faced, which are: 1) one of the common problems that students face is managing citations and references in the list of their writing (Ariyanti & Fitriana, 2020). It is stated that students tend to use various sources to support their writing, such as books, articles, journals, etc. Moreover, they are required to paraphrase the ideas, add the citation and references to prevent

plagiarism. Nevertheless, surprisingly, some students still lack knowledge in managing citations and references. So, they prefer to use a manual way, which can influence their thesis quality. 2) some students still use manual ways in managing citations and references (Ariyanti & Fitriana, 2020). Using a manual way of managing citations and references is risky. The possibility that this might happen, the students will forget to add citations and references in their writing, and plagiarism will currently appear (Ariyanti & Fitriana, 2020) Besides, when the students use the manual way, it enlarges students' possibility to write citations and references incorrectly and inconsistently. 3) EFL students lack knowledge of the citation style that must be used and appropriate to their learning context (Santosa et al., 2021). However, EFL students still do not understand which one is APA style, MLA, Oxford, etc. However, working on a thesis is a challenging job that must be done for university students. It can be avoided that citing and referencing the sources is highly important in writing to prevent plagiarism (Santosa et al., 2021). So, EFL students have to be wiser to overcome the challenges.

The most important indicator in knowing the use of Mendeley as a Reference management in thesis writing consists of 5 indicators, namely facilitating work (make jobs easier), speed up work (work more quickly), increase productivity, improve job performance, and effectiveness. Mendeley (RMS) is said to be useful if it meets these 5 indicators. (Cahnia, 2021) concluded that all informants can use Mendeley as a reference management application in writing informants' thesis. Mendeley is easy to learn and used. Three of the seven informants had problems the first time they installed. While the other four informants did not get problems during installation. Using Mendeley also shortens the comparison time manually because Mendeley is practical and automated.

The importance of using a reference manager in the writing of scientific papers has been shown through several research and service works. Research conducted by (Nurisani et al., 2019) shows that students have not used the reference manager application because they have never received assistance and the habit of doing it manually. Even though at first it was difficult to its use, students finally master in writing scientific papers. This study too Mendeley's strengths include: saving downloaded reference files, reading reference metadata, and search for references on the Internet. Several shortcomings were also revealed in this study, including the need to paraphrase and check the writing of reference data.

Thing this shows that Mendeley is very much needed despite his shortcomings.

However, if the reference set is not well organized, it will cause confusion when searching for data. In general, to create a bibliography is done manually, which is typing one by one and is very inconvenient. Moreover, the style or style of writing this bibliography is different. In addition, the large number of bibliography will cause errors due to inaccuracies in typing. It is very different when there was no RMS, all activities of writing scientific papers ranging from searching, reading, storing and entering references were carried out manually which is very time consuming and allows for errors in inserting references in a scientific paper.

According to Aronsky et al 2005 (as cited in (Kumar Basak, 2014), RMS reduces the burdensome work for researchers to edit, check readings and avoid errors. Therefore, to overcome this problem, a reference management software is needed so that. Reference management can be carried out easily, quickly, and accurately. This can be helped by using RMS, so that it can make it easier for pre-teachers to complete their thesis. From that studies the research that have been done focuses on the use of Reference Manager Software for student in completing their thesis. However, the study focuses on the pre-service teachers perceptions of the use at RMS in English academic writing is still limited. Therefore this study aims at exploring the perception of pre-service teacher on the Reference Manager Software in English academic writing.

## **B. Limitations of The Study**

The researcher only explored the pre-service teacher's perspective on the use of Reference Manager Software in English academic writing in university level.

## **C. Research Questions**

Based on the background stated above, the research questions of this study is what are the perceptions of pre-service teachers on RMS in English academic writing?

## **D. Purpose of The Study**

Based on the research question that has been written above, the objectives of this study is explore the perception of the pre-service teacher on the Software Manager Reference in English Academic Writing.

**E. Significance of The Study**

There are several benefits which are expected by this research:

1. For teachers, this research can be additional knowledge about Software Reference Manager. In addition, teachers can also suggest and teach their students to participate in using the Reference Manager Software so that it can be used properly and facilitate their work in English Academic Writing.
2. For students, the results of this study can help students to know the benefits of Software Reference Manager in English academic writing. Reference Manager Software can also help them to complete writing properly and avoid mistakes in writing. In addition to making it easier, using Reference Manager Software will be more efficient in saving time than doing it manually.
3. For other researchers, the result of this study can find out the strengths and weaknesses of Reference Manager Software for further research or development.

**F. Definition of Key Terms**

1. Reference Management Software is an application that can facilitate the writing of references by forming a reference database and also change the format of format according to the format deserved. (Larasati, 2020). Popular Reference Management Software used are EndNote, Zotero, Mendeley, and Refwork.
2. Academic writing is a way of writing that uses certain rules that apply in the academic community. These rules distinguish academic writing from blog posts, Facebook notes, or newspaper and magazine articles (Gabriel Lele et al., 2010)