

MENDELEY CITATION AND REFERENCE MANAGEMENT APPLICATION TRAINING AND TECHNICAL GUIDANCE

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Abstrak

Mendeley merupakan sebuah aplikasi yang sangat bermanfaat bagi peneliti, mahasiswa, dan para profesional di berbagai bidang untuk mengelola dan merujuk sumber-sumber literatur serta membuat daftar pustaka dengan mudah. Pelatihan dalam penggunaan Mendeley umumnya diberikan untuk memberikan pemahaman dan keterampilan yang diperlukan dalam mengoperasikan alat ini secara efisien. Tujuan dari kegiatan ini adalah membantu mahasiswa dalam penggunaan mendeley. Karya tulis yang berkualitas dapat dilihat dari tingkat plagiarisme yang rendah. Mendeley merupakan aplikasi yang digunakan untuk mengelola referensi dari berbagai buku atau jurnal. Aplikasi Mendeley membantu penulis dalam mengelola referensi mereka. Evaluasi kegiatan PKM ini menunjukkan adanya peningkatan pengetahuan dan keterampilan dari para peserta dalam penggunaan aplikasi Mendeley.

Kata kunci: Pelatihan, Mendeley, Karya Ilmiah

Abstract

Mendeley is an immensely advantageous program for academics, students, and professionals across several disciplines to efficiently organize and cite literature sources, as well as effortlessly generate bibliographies. Training in the utilization of Mendeley is commonly offered to instill the comprehension and proficiency required to effectively handle this application. The aim of this activity is to facilitate students in utilizing Mendeley. The quality of academic writing can be evaluated based on the minimal occurrence of plagiarism. Mendeley is a software application utilized for the organization and administration of references obtained from a diverse range of books or publications. The Mendeley program facilitates the organization and management of references for authors. An assessment of this community service initiative demonstrates an enhancement in participants' proficiency and expertise in utilizing the Mendeley program.

Keywords: Training, Mendeley, Scientific Papers

INTRODUCTION

Presently, the level of rivalry in the realm of education, particularly in higher education, is progressively escalating (Igbinkhase & Naidoo, 2019). Universities are striving to improve the caliber of tertiary education in order to rival other establishments. This phenomenon is consistent with the present tridharma of higher education, as per the updated criteria for university accreditation. One element to consider is the students' productivity in generating scholarly papers. Consequently, colleges are required to substantially alter their culture within this particular framework (Shaturaev, 2021). It is necessary to effectively oversee any alterations in order to stay current and maintain relevance. The current advancement of education in Indonesia has led to significant cultural changes (Nuraini et al., 2019). Consequently, colleges must possess a distinctive culture that distinguishes them from others.

Meeting research standards has become a crucial standard for universities to compete and establish their competitiveness on a national and worldwide scale (Fauzi, 2021). Pursuant to the mandatory regulations, a student is required to engage in research. Knowledge renewal in higher education necessitates students engaging in research not just to fulfill their final tasks (Vysakh & Babu, 2021), but also to foster research-based classrooms and promote excellence in higher education. Efforts to enhance students' capacity in science can yield numerous benefits for both scientific progress and national development (Suherman et al., 2022).

An educational institution consistently pursues expansion and progress to uphold and augment its standing and accomplishments. This will significantly influence the perception of both the general

public and the field of education. To become an advanced educational institution, there are various indicators of achievement that can be observed. One such indicator is the recognition of students' scholarly work by academics. This includes written work that can be utilized by others, such as the government, to inform policies that address the broader interests of the community.

Consequently, the academic output should employ language that conforms to established standards, so enhancing the comprehensibility of the primary message. Furthermore, it is expected that the majority of academic papers are a product of students' independent analysis, supplemented by a range of scholarly sources that serve as supplementary references to guarantee their excellence. Novice scholars frequently demonstrate several deficiencies while composing academic papers (Kousha & Thelwall, 2019), including the production of ineffective paragraphs, the construction of convoluted phrases, the utilization of erroneous citation techniques, and the incorrect structuring of references.

Students must demonstrate a robust capacity to effectively search, discern, and select appropriate and pertinent references for inclusion in their academic writing from a wide range of easily accessible sources (Reis et al., 2022). This is a crucial determinant of the caliber of academic research. Proficiency in crafting academic work or a culminating project in the form of a thesis and disseminating it through national or worldwide journals (Maflahi & Thelwall, 2018) is a crucial competence for every student upon finishing their education. Furthermore, the capacity to explore, choose, ascertain, and retain references utilized for citations is an essential factor to contemplate in thesis or final project composition. It is important to remember that students are required to manage the citation of articles from different scientific periodicals.

References are a crucial component of academic essay composition. Software, such as Mendeley (Costas et al., 2019), is available to aid writers in creating citations, which facilitates the management of reference articles by authors (Kusumaningsih, 2018). Conversely, bibliography is intricately connected to academic research. All citations inside the text must be included in the bibliography, and conversely (Salija et al., 2016). Komunitas Pemuda Literasi dan Perjuangan (Pulpen) collaborates as a partner in providing this service.

Several pupils possess the Mendeley software loaded on their personal PCs. Mendeley is a publicly available open-source software that facilitates the analysis and organization of scientific documents and references. Nevertheless, pupils are still perplexed regarding the optimal utilization of the Mendeley software. Students still face challenges in maximizing the utilization of Mendeley software for citation and bibliography organization. Hence, it is imperative to offer Mendeley instruction to the pupils as part of this community service endeavor.

Mendeley is a software application that automates the organization and administration of bibliographic references and citations (Parabhoi et al., 2017). Some academics may still rely on manual methods for creating citations and bibliographies. Users of software applications, such as Mendeley, are accustomed to performing operations such as adding, deleting, and modifying citations and bibliographies (Patak et al., 2016). Alternatively, there are several other tools or software programs available to aid writers in the process of composing, organizing, and verifying references, such as Zotero and Endnote.

The findings of the interaction between the implementation team and the partner suggest that the key challenges encountered can be summarized as follows:

1. Members of the Pulpen community, which includes students and researchers, have not yet attained proficiency in utilizing the Mendeley program.
2. Participants have encountered difficulties in installing the MS Word plugin, utilizing the Mendeley tool to create citations and bibliographies, and manually entering information for articles, conferences, books, and other publications.

In light of these concerns, it is imperative to offer instruction and direction on the utilization of Mendeley software for referencing to the Komunitas Pemuda Literasi dan Perjuangan (Pulpen). The purpose of this community service initiative is to facilitate the automated creation of citations and bibliographies when composing academic papers through the utilization of the Mendeley tool (Iskandar & Patak, 2019). Mendeley is an invaluable tool for academics, students, and professionals across different disciplines to efficiently organize and cite academic materials, while also effortlessly creating bibliographies. Training is typically offered to impart the necessary skills for proficiently utilizing the Mendeley program.

METHODS

Mentoring is a systematic procedure where one or more individuals offer support, direction, and aid to another individual or group in order to assist them in attaining particular objectives or surmounting challenges. Mentoring generally entails the transmission of knowledge, skills, and expertise. The process frequently involves collaboration, when the mentor and mentee cooperate to identify obstacles, develop tactics, and execute remedies. Training is the systematic acquisition of knowledge, skills, or a deeper comprehension of a certain domain by an individual or a collective. The objective of training is to improve proficiency, execution, or comprehension in a certain domain. Training can occur in diverse settings, such as the workplace, formal education institutions, and non-formal education programs.

Preparation Stage

The planning step encompasses the strategic organization of all community service activities (Rahmawati et al., 2018). The service team undertakes all requisite preparations for the activities, commencing with documenting the count of participants and their preparedness to partake in the training. In addition, they establish a WhatsApp Group to streamline communication and the dissemination of materials before to and during the training. In addition, the support team is presently creating PowerPoint documents about the Mendeley program. These materials will provide an overview of the program, its benefits, instructions for installation, and guidance on using it with a laptop.

Implementation Stage

During the execution phase of community service, all acts are conducted in accordance with the preparation phase (Mardin et al., 2020). Currently, the given information encompasses guidelines for the installation and utilization of the Mendeley software, along with practical recommendations. Content preparation entails the delivery of PowerPoint presentations, accompanied by elucidations from support personnel, and the demonstration of the steps for installing and employing the Mendeley program in MS Word. Subsequent to that, participants are furnished with pragmatic instructions via a WhatsApp Group before to the commencement of the activity, elucidating each stage in a deliberate and gradual manner, hence facilitating participants' comprehension and adherence.

Evaluation Stage

The assessment phase involves evaluating the number of community service implementations and the perceived signs of activity achievement by the community (Wijaya et al., 2022). Currently, the service team evaluates the execution of the activity by distributing a questionnaire via Google Forms. This questionnaire encompasses a range of inquiries regarding skill enhancement and participant feedback as users of the Mendeley application. The evaluation findings are corroborated by service professionals conducting interviews with each participant.

RESULTS AND DISCUSSION

Preparation Stage

During this phase, the outreach team imparts participants with details regarding the Mendeley program, along with information pertaining to the ethics of scientific publishing and plagiarism. Plagiarism is the act of utilizing another individual's written work without appropriately acknowledging the origin of that work. Hence, a strategy to prevent plagiarism is to incorporate the author's reference in the bibliography, either partially or in its entirety (Patak & Tahir, 2019). The extensive use of the Mendeley software can greatly aid anyone, particularly students, in accomplishing scientific writing tasks such as journal articles or theses.

Prior to the activity, the WhatsApp group has already shared information on the Mendeley application and instructions on how to download it. This allows the PKM participants to familiarize themselves with the material and make necessary preparations. Due to the limited number of students with the Mendeley software installed on their computers, the team will commence the activity by providing a demonstration and explanation of the process to download the Mendeley program.

The procedural steps for downloading the Mendeley application are as follows:

1. Ensure that your personal computer or laptop is properly linked to the internet.
2. To obtain the application, visit www.mendeley.com or conduct a Google search using the phrase "download mendeley desktop" to access its official website. Subsequently, click on the Download button.

3. To open the downloaded application, either double-click on it or right-click and choose the "Install" option.
4. Once installed, a command will be accessible to seamlessly integrate Mendeley with Microsoft Word.
5. To begin using Mendeley, access the Tools menu and choose the option to install the MS Word Plugins.
6. To check if Microsoft Word is already connected to Mendeley, go to the References menu.
7. Once Mendeley is integrated and ready to use, there are several procedures for inserting references.

Implementation Stage

Before beginning the real teaching utilizing the Mendeley platform, the community service activity participants will receive instruction on how to establish citations, both directly and indirectly. It is crucial for learners to comprehend citations because this application will also include the author's name, whose work will be mentioned or acknowledged in their academic tasks.

Based on empirical observations, the primary error frequently committed by student writers is referencing an article and incorrectly attributing it to the author stated by the owner of the work, by including their name as listed in the bibliography (Kratochvíl, 2017). It is often the case that the proprietor of a manuscript will alter the mentioned editorial section, resulting in a divergence from the original stated statement. Students can rectify these faults by acquiring knowledge about citation tactics in a broader context or by conforming to the methodologies employed by their own educational institution. This is due to the fact that every university has its own unique citation methodology that is specific to each school. Hence, apart from comprehending the utilization of Mendeley, pupils should also meticulously contemplate the suitable citation methodology prior to generating citations.

Some colleges have citation guidelines, while others differentiate between direct and indirect citations. Participants in community service activities are highly enthusiastic about attending this session by asking numerous questions regarding citation strategies from articles, which is in keeping with the findings (Hudriati et al., 2018) that Indonesian students prefer to utilize Mendeley compared to other tools. Therefore, the service team provides various examples of how to cite through articles so that participants can learn and strive to reference appropriately. After the participants in the community service understand the citation strategy, they are given the opportunity to utilize the Mendeley program as directed.



Gambar 1. Dokumentasi Kegiatan

CONCLUSION

Mendeley is an invaluable program for academics, students, and professionals across diverse disciplines, enabling them to efficiently organize and cite literature sources, while also facilitating the effortless creation of bibliographies. Training is typically offered to impart knowledge and develop proficiency in utilizing the Mendeley program.

A citation is a concise summary of a document that is subsequently incorporated into the text, regardless of whether it is a written work or another form of material. A comprehensive citation description is also included in the bibliography. References are a compilation of citations from the referenced documents, typically organized in a list located at the conclusion of the piece. Frequently, inadvertent plagiarism arises, necessitating the use of technological tools such as Mendeley to rectify inaccuracies. This tool is highly effective for managing citations and references due to its features that enable the monitoring of the credibility of citations and references.

Mendeley offers services that facilitate writers in the management, retrieval, and organization of diverse literary and reference sources. When writing written works or scientific publications, it is inevitable to engage in the activities of seeking, accessing, and conserving scientific material that is utilized as references. This course provides participants with full guidance on the processes of account registration, installation of Mendeley Desktop software, and management of scientific references, citations, and bibliographies. Ideally, these exercises can be conducted in a consistent and expanded manner, with more intensity.

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