


Socialization of The Use of E-Books to Improve Students' Digital Literacy

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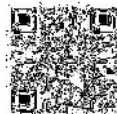
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ABSTRACT

Melalui perenungan dan diskusi dengan rekan akademisi dan staf pengajar, penulis menemukan solusi untuk membuat sebuah e-book dan menyebarkannya kepada siswa SMA di SMA Negeri 1, Kota Malang, Jawa Timur, Indonesia, selama tiga hari. Sosialisasi ini dilakukan selama tiga hari di SMA Negeri Malang, Jawa Timur, Indonesia. Sosialisasi ini dilakukan berdasarkan rendahnya literasi digital siswa di kota Malang dan rendahnya minat siswa terhadap Buku Fisik. Oleh karena itu, penulis berinisiatif untuk membuat e-book tentang "Cara Menggunakan Media Sosial dengan Baik," "Belajar Berani dengan Hati Nurani," dan "Bekerja Keras, Bekerja Cerdas, dan Bekerja Ikhlas." Kehadiran e-book ini, penulis berharap, dapat meningkatkan literasi digital siswa dan meningkatkan minat siswa terhadap karya ilmiah, salah satunya adalah e-book.

During contemplation and discussions with fellow academics and teaching staff, the author came up with a solution to create an e-book and disseminate it to senior high school students at State Senior High School 1, Malang City, East Java, Indonesia, over three days. This socialization was conducted for three days at the State Senior High School of Malang, East Java, Indonesia. This socialization was carried out based on the low digital literacy of students in the city of Malang and the low level of student interest in Physical Books. Therefore, the author took the initiative to create an e-book about "How to Use Social Media Well," "Learning to Be Brave with Conscience," and "Work Hard, Work Smart, and Work Sincerely." The presence of this e-book, the author hopes, can improve students' digital literacy and increase students' interest in scientific work, one of which is e-books.



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INTRODUCTION

Electronic books contain digital information that can also be in the form of text or images.³⁶ According to the Merriam-Webster dictionary, E-book has the definition, "A book compiled or converted into a digital format for display on a computer screen or handheld device". Or in other words, E-book is a book written or converted into a digital format for display on a computer screen or a device (Ebook reader). Shiratuddin provides several other definitions of E-book from various contexts, including (Triska 2014): 1) Initially, paper books that have been converted to digital format, usually through a digitization process that allows them to be displayed on a computer, are defined as the term also includes Ebook. 2) Later, multimedia, hypertext or hypermedia systems are based on the metaphor of the book. 3) The definition of E-book has been expanded to include book titles available online, which can be read as email, can be retrieved by a portable electronic reading device, or can be partially downloaded to a computer file.

An e-book is a printed book that has been converted into a digital format, usually through a digitization process that makes it displayable on a computer screen. Furthermore, the term e-book has begun to encompass multimedia, hypertext, or hypermedia systems based on the changes in the book's

format. The definition of e-book has also expanded to include books available online, which can be read as email, can be retrieved by portable electronic reading devices, or as files that can be downloaded to a computer. The definition of e-book has evolved from the simplest, namely, a printed book converted to digital form, to one that has followed the development of the times with the expansion of the meaning of e-book to include multimedia, hypertext, or hypermedia systems, as well as its relationship to the internet and the e-book market available online. Similarly, devices for reading e-books have continued to develop, from computers, special devices for reading e-books, and now with the rapid development of smartphones, reading e-books can be done easily (Dictionary 2019).

The rules regarding the form or format an E-book should have have not been standardized, as stated by Shiratuddin, "Although a single standard for E-book formats does not yet exist (as of the end of May 2002), NuvoMedia and SoftBook Press jointly developed and proposed the Open E-book Publication Structure (OEBPS) in 1999. OEBPS is based on HTML and XML specifications for the content, structure and presentation of E-books." However, currently there are E-book formats that are commonly found or sold. These E-book formats include (Shiratuddin 2019): (1) AZW (Amazon World), which is a special format for Amazon. (2) EPUB (Electronic Publication), which is an open format defined by the open digital book from the International Digital Publishing Forum (IDPF). (3) KF8 (Kindle Fire), a format that is basically the same as the ePub principle which is compiled in a Palm File Database (PDB) wrapper. (4) MOBI (MobiPocket) is displayed using its own reading software. (5) PDB (Palm Database) Can include several different digital book formats, intended for devices based on the Palm operating system. (6) PDF (Portable Document Format) the most common format, used for document exchange with support for many platforms. (7) In addition to these formats, there are also PRC (Palm Resource), HTML (Hyper Text Markup Language), CHM (Compressed HTML), XHTML and XML formats. The various E-book formats mentioned above mostly depend on the device used to read them (E-book readers). It is possible that as technology develops, new E-book formats will emerge that will adapt to user needs.

E-books, which are now starting to replace the role of printed books, certainly have various advantages. Here are some of the advantages of E-books compared to printed books according to Subiyantoro: (a) E-books are more practical and easy to carry, if you want to read E-books wherever you are, you just turn on your electronic device (smartphone, tablet, or E-book reader). (b) E-books are environmentally friendly, E-books can be copied as many times as you like just by clicking the "copy" button on the electronic device. Meanwhile, book printers need hundreds of sheets of paper just to make one copy of a book. (c) E-books are durable, E-books are books that are durable or even everlasting. They will not be easily damaged by age. Unlike printed books which will yellow and become damaged over time. (d) E-books are simpler, E-books are considered simpler to carry and store, compared to printed books. With the E-book format, you no longer need a large bag to carry several books or rows of bookshelves to store your book collection. You only need E-book readers to carry or store your books. (e) E-books are cheaper, E-books do not need a printing process to publishing which costs a lot, so E-books can be cheaper than printed books. In addition, there are several E-books that we provide for free. (f) E-books are more portable, as long as there is compatible hardware to operate E-books with the extension .pdf and .exe, wherever and whenever we will still be able to enjoy reading in E-books comfortably. (g) E-books that are developed contain multimedia content so that users can more easily and understand the material. (h) Examples in everyday life are included in the form of videos, it is hoped that users can better understand and comprehend them (Subiyantoro 2019).

Based on the explanation regarding e-books above, the author has a problem that aligns with the portable, flexible, and practical goals of e-books compared to physical books. The author believes the existence of e-books is important to better convey the information contained within the book, regardless of the medium.

METHOD

During contemplation and discussions with fellow academics and teaching staff, the author came up with a solution to create an e-book and disseminate it to senior high school students at State Senior High School 1, Malang City, East Java, Indonesia, over three days. The process of finding the solution and the problems are described below.

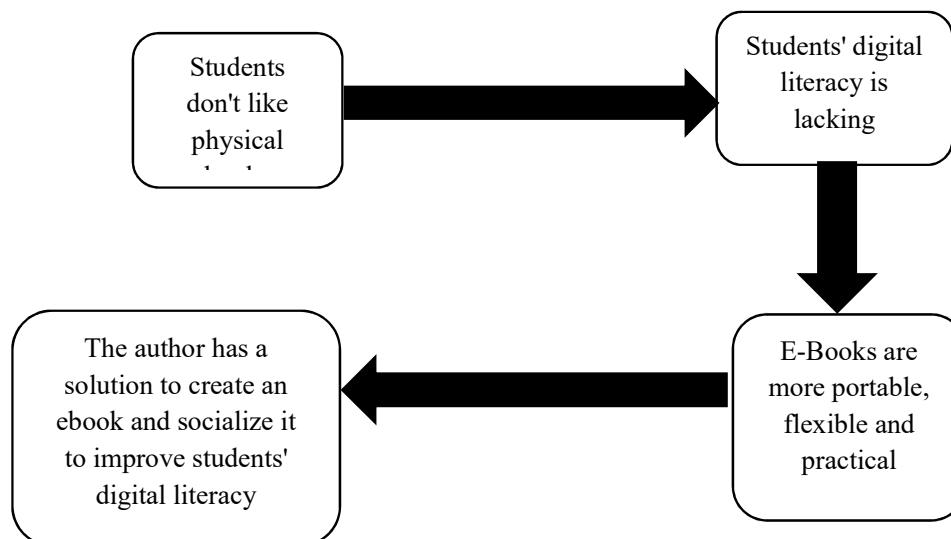


Figure 1. Finding Solution and Problem

RESULTS AND DISCUSSION

E-Book

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Palm operating system. (6) PDF (Portable Document Format) the most common format, used for document exchange with support for many platforms. (7) In addition to these formats, there are also PRC (Palm Resource), HTML (Hyper Text Markup Language), CHM (Compressed HTML), XHTML and XML formats. The various E-book formats mentioned above mostly depend on the device used to read them (E-book readers). It is possible that as technology develops, new E-book formats will emerge that will adapt to user needs.

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Digital Literacy

Digital literacy is well-known in the world of education, the term digital literacy was first proposed by Paul Gilster. Digital literacy is the ability to understand and use information, in a wide variety of forms and sources accessed through computer devices (Stefany 2017). Martin from Koltay explains: "Digital literacy is the appropriate use of digital tools and equipment to identify, access, manage, integrate, evaluate, analyze, enhance, and synthesize digital resources, build new knowledge, create media representations, and communicate with others based on specific life situations and reflect on this process to enable constructive social action" (Rahayu. R 2022).

Martin explains that Digital Literacy is the awareness, attitude, and ability of individuals to use digital tools and facilities appropriately to identify, access, manage, integrate, evaluate, analyze, and synthesize digital resources, build new knowledge, create media expressions, and communicate with others, in the context of specific life situations, to enable constructive social action; and reflect on a series of processes. Digital literacy includes websites and search engines. Digital literacy can be defined as a combination of actions, writing, efficient processing and communication of information and insights in various tools and formats (Hasan 2021). Baawden believes that digital literacy is the ability to connect hypertext data in the form of a computer-based sequential library.

Socialization of The Use Of E-Books to Improve Students' Digital Literacy

Socialization is a field that encompasses the examination of the social and cultural environment of a society. It addresses social interactions and behavior. Therefore, socialization is the most important link in any social system. Generally, socialization is defined as a learning and teaching process for behavior within society. Some also argue that socialization is the process of instilling values, habits, and rules of behavior within society from one generation to the next. In the socialization process, individuals adapt to their respective roles and social statuses within a community (Kurniawati 2018). Through socialization, individuals can learn, understand, and exercise their rights and obligations based on their

respective roles and statuses, consistent with the culture of the community. Furthermore, in recognizing the rights and obligations of an adult, each individual or human being needs to socialize to learn and develop patterns of social behavior with other members of society.

This socialization was conducted for three days at the State Senior High School of Malang, East Java, Indonesia. This socialization was carried out based on the low digital literacy of students in the city of Malang and the low level of student interest in Physical Books. Therefore, the author took the initiative to create an e-book about "How to Use Social Media Well," "Learning to Be Brave with Conscience," and "Work Hard, Work Smart, and Work Sincerely." The presence of this e-book, the author hopes, can improve students' digital literacy and increase students' interest in scientific work, one of which is e-books.

CONCLUSION

Socialization is a field that encompasses the examination of the social and cultural environment of a society. It addresses social interactions and behavior. Therefore, socialization is the most important link in any social system. Generally, socialization is defined as a learning and teaching process for behavior within society. Some also argue that socialization is the process of instilling values, habits, and rules of behavior within society from one generation to the next. In the socialization process, individuals adapt to their respective roles and social statuses within a community (Kurniawati 2018). Through socialization, individuals can learn, understand, and exercise their rights and obligations based on their respective roles and statuses, consistent with the culture of the community. Furthermore, in recognizing the rights and obligations of an adult, each individual or human being needs to socialize to learn and develop patterns of social behavior with other members of society.

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The author would like to express his deepest gratitude to all parties involved in the bookkeeping of the author's socialization activities and the creation of e-books entitled "How to Use Social Media Well," "Learning to Be Brave with Conscience," and "Work Hard, Work Smart, and Work Sincerely." The author hopes that the activities carried out can improve the digital literacy of students at SMAN 1 Malang City, East Java, Indonesia.

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