

Digital Book as Alternative Solution in Learning During the Pandemic in Indonesia

Afnita^{1,*}, Amril Amir¹, Farel Olva Zuve¹, Adhara Jasid¹, Dinda Annisa¹

¹Indonesian Department, FBS Universitas Negeri Padang, Padang, Sumatra Barat 25131, Indonesia

*Corresponding author: afnita@fbs.unp.ac.id

ABSTRACT

The COVID-19 pandemic is a tragedy that grieves the entire population of the earth. All segments of human life on earth are disrupted, without exception education. Many countries decide to close schools ranging from elementary school to college, but this is only temporary. The learning process that was previously carried out face-to-face, is now learning through a network or also known as online learning. The online learning process carried out temporarily by the government has one alternative to support learning. One of the learning media that can be a solution during this pandemic is ebooks. The research used is a literature study by collecting research data from various articles, documents and literature sources that are in accordance with the theme of e-books as an alternative solution for learning during the pandemic then the data is reviewed, analyzed and concluded.

Keywords: digital book, alternative solution, covid-19 pandemic

1. INTRODUCTION

The world's fiercest enemy appeared in 2019 namely the Corona virus. This virus appeared suddenly by giving changes to human life. Likewise, Indonesia is also affected by this virus. The number of victims due to the ferocity of the Corona virus forced the Indonesian government to respond to the spread of the virus, one of which was in the education aspect [1]. Currently learning is mostly done through networks or online learning. These activities provide difficulties for students and teachers. Learning media is one solution for students and also teachers in carrying out the learning process during the Covid-19 pandemic [2].

The application of learning media is one of the important components to adjust developments in the world of education [3]. This learning media is a tool needed by educators to help the teaching and learning process more leverage with educational goals can be achieved effectively and efficiently [4]. Online learning encourages the increasing interest in digital learning media [5]. Ebook is one of the digital learning media that can be used during this COVID-19 pandemic. In the learning process, audio-visual media is a concrete medium in conveying a material, one of which is in the form of a digital book or e-book [6]. E-book is a book that is programmed into a computer so that it can visualize abstract material in a visual form and can be animated so that students are more interested in learning [7].

This pandemic period requires teachers to make creative innovations so that the learning carried out is not monotonous. So far, teachers have tried to provide a pleasant atmosphere to facilitate students' learning at home, but many teachers also say that with current technological developments students demand new innovations in every learning or media used [8]. E-books are one of the innovations made by educators at the education level. In addition to having the opportunity to help students understand the concept of learning Indonesian through text, animation, images, videos, audio and graphics presented, e-book applications are a learning solution during this pandemic [9].

The use of this e-book can be one solution to improve students' reading skills with the advantages and attractiveness provided by the digital book [10]. In improving reading skills, ebooks are the right choice because they are easy to carry everywhere [11]. E-books are usually independent, meaning that students can study independently because they are systematic and complete, just like physical textbooks in general [12].

This research can provide the following benefits. First, for educators, the use of e-book media during a pandemic can increase the pedagogic potential of educators in developing media and make it easier for educators to deliver teaching materials to improve language skills during a pandemic. Second, for students this method is a motivation in the learning process so

that students are interested in learning during this pandemic.

2. METHOD

The research used is a literature study by collecting research data from various articles, documents and library sources in accordance with the theme of e-books as learning resources during the pandemic. The data will be reviewed, analyzed, and concluded. In relation to the opinion [13], library research (library research), literature search is not only for the first step to prepare a research framework framework (research design) but at the same time taking advantage of library sources to obtain research data.

3. RESULTS AND DISCUSSION

In the results and discussion sections, it is explained about (1) Ebooks as an alternative solution in learning during the covid-19 pandemic. (2) The effectiveness of ebooks as an improvement in reading skills in Indonesian language learning.

3.1. Ebook as an alternative solution in learning during the Covid-19 pandemic

The education sector is one of the sectors affected by the COVID-19 pandemic. This pandemic is forcing people to adapt to the new order of life, including in the world of education. This condition is a serious challenge for schools and the community. The COVID-19 pandemic has forced all education components in Indonesia to implement distance learning. This is the main solution implemented by the Ministry of Education and Culture, namely online learning. Some schools carry out online learning which is commonly known as blended learning. This program is a wise step to overcome the problem of learning that is constrained by distance and place because when teachers and students are not at school, the interaction between teachers and students will be constrained by location. So it is necessary to have a supporting solution so that online learning is carried out properly [14].

For online learning requires an atmosphere at home that is supportive for learning, it must also have an adequate internet connection. However, students must learn effectively through video calls, discussions, question and answer by chatting, but still have to socialize with other people, including family members at home and friends outside the video call session to hone their social skills. By utilizing sophisticated technological developments, it will make it easier for teachers to convey their material and knowledge in the learning process by utilizing sophisticated technology, not only that the use of technological media is very useful for students to capture and understand lessons easily. such

as the use of e-book media or can be called electronic books.

E-books as learning multimedia are very interesting because they provide ideas, information, and learning materials according to the students' level of thinking. As part of the information contained in a flash-based e-book, it includes; video, sound, music, text, animation, film, graphics, images and data [15].

E-book is an abbreviation of Electronic Book or electronic book. E-book is nothing but a form of book that can be opened electronically via a computer. This e-book is in the form of files with various formats, Ebook is a series of ordinary writing made with the help of Microsoft Office software or other similar software. After the series of writings became like writing in conventional printed books like those circulating in the market.

Electronic books (abbreviated as e-books or ebooks) or digital books are electronic versions of books. If a book generally consists of a collection of paper that can contain text or images, then an electronic book contains digital information which can also be in the form of text or images. Nowadays e-books are in demand because of their small size when compared to books, and also generally have a search feature, so that words in e-books can be quickly searched and found. There are various popular e-book formats, including plain text, pdf, jpeg, doc lit and html. Each format has its own advantages and disadvantages, and also depends on the tool used to read the e-book [16].

Ebooks or can be called electronic books besides being practical are also very helpful for students and teachers in the learning process, ebooks also have several functions including:

First, as a learning medium, ebooks have the function of increasing learning productivity. The learning process cannot be separated from learning resources in the form of reading books such as ebooks as well as unlimited references, so they are not fixated on one learning resource. Second, different from printed books, digital books can contain multimedia content in them so that they can present more interesting teaching materials and make learning more fun.

Third, compared to printed books, ebooks can be disseminated more easily, either through media such as websites, virtual classes, email and other digital media. Fourth, in digital book software, teachers can provide certain notes on the material, look for certain words or sentences in the material, display multimedia files (audio and video) that can be played to enrich the book content. This really helps students understand the teaching material better and faster.

Fifth, provide opportunities for content creators to more easily share information, in a more interesting and

interactive way. Sixth, protect the information submitted. The benefits of E-books when viewed from their physical form in the form of digital data are small physical sizes because they can be stored in data storage such as flash drives, etc. E-books are also not obsolete like ordinary books, digital formats last all time with an unchanged format. E-books are also interactive learning media in delivering information because they can display multimedia illustrations.

Seventh, e-books have had a tremendous impact on technological advancements in education. For an educator, it is greatly helped by the existence of an e-book with various conveniences. Educators will find it easier to find sources of subject matter, adding references to learning resources. Eighth, lesson plans and learning designs are developed which can be implemented with e-book media referring to the ability to learn a situation, phenomenon, question, or economic problem as a rational decision-making process through aspects of interpretation, analysis, evaluation, conclusion, and explanation [15].

Ebooks have several advantages compared to conventional books in learning [10], namely:

E-books are more practical and easy to carry, if you want to read e-books wherever you are, just turn on the electronic device. As long as you hold the electronic device, you can carry hundreds or even thousands of electronic books easily. E-books are digital books so they do not require a physical storage container. Eco-friendly e-books, printed books can consume a lot of trees that we need to maintain the balance of life on this earth. On the other hand, e-books do not require a tree because they are digital.

E-books are durable, E-books are books that are durable or even eternal (everlasting). It will not be easily damaged with age. In contrast to printed books, the longer it will be more yellow and damaged. 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 big bag to carry several books or bookcases lined up to store a collection of books.

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 are provided free of charge. E-books are more portable, as long as there is compatible hardware to operate this ebook with .pdf and .exe extensions, wherever and whenever you want to be able to enjoy reading in the ebook comfortably.

E-book physical size is small, because the ebook has a digital format, it can be stored in data storage (hard disk, CD-ROM, DVD) in a compact format. Dozens, if not hundreds, of books can be stored on a DVD so it doesn't

take up a lot of space (large space). E-books are easy to process, the contents of Ebooks can be tracked, searched easily and quickly. This is very useful for people who do literature studies.

3.2. The Effectiveness of Ebooks as Improving Reading Skills in Indonesian Language Learning.

Reading is an important factor supporting the success of learning. Whatever the subject, reading activities cannot be separated from the learning process, especially Indonesian language subjects which should be the milestone of success in terms of reading. According to Hasanudin (2016: 1) Indonesian language subjects have been taught as early as possible with a variety of different competency standards and basic competencies, from elementary schools to colleges, Indonesian language subjects always fill and become subjects that are always available at the education level, regardless of the Indonesian language curriculum. always fill in the list of subjects at that level of education [17].

Reading is a basic skill in language learning in addition to other skills such as listening, speaking and writing [18]. To improve reading skills in students, of course, requires a unique learning model. In addition to the unique model, the latest learning media is also needed. E-books are one of the interesting learning media for students during this pandemic [19]. So that the E-Book that will be developed can encourage students' interest in learning, especially reading [20].

Media is anything that can be used to transmit messages from sender to receiver so that it can stimulate students' thoughts, feelings, concerns, and interests in such a way that the learning process occurs [21]. Referring to this statement, the best media that can be used in the current situation is e-books. Because e-books not only help students understand the concept of learning through text but are also equipped with animations, pictures, videos, audio, and graphics that are presented.

4. CONCLUSION

The COVID-19 pandemic has changed several sectors in Indonesia, one of which is the education sector. The Ministry of Education and Culture provides several solutions to overcome this, namely, blended learning (online-offline), one of which uses ebooks for online learning by using e-books in online learning activities that utilize technology. This requires educators to provide creative innovations to learning during the pandemic. E-books are learning media innovation products that illustrate teaching materials with software and contain teaching materials that are packaged as attractively as possible with various features such as text, video, images, audio, and graphics. This e-book is very effectively used for students and teachers in

learning during this pandemic. It is said to be effective because e-books can improve students' reading skills by presenting e-books that are very interesting and not monotonous.

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