



## ***THE IMPLEMENTATION OF EBOOKCREATOR.COM FEATURES FOR EXPLAINING NURSING ACTION PROCEDURE***

<sup>1\*</sup>Surip Haryani

<sup>1</sup>Nursing Program, Sekolah Tinggi Ilmu Kesehatan Madani

Email Correspondence: sharyani81@gmail.com

### ***Abstract***

*Explaining nursing action procedures is one of the learning outcomes in Nursing English subject in STIKES Madani. This study aims to determine the implementation of the ebookcreator.com features for speaking activities in explaining nursing procedures. The method used is a quasi-experiment with a one-group pretest-posttest design. The study was conducted to nursing students of 2021 grade consisting of 14 students. Pre and post-test were conducted to determine the effectiveness of ebookcreator.com features to increase speaking ability. The scores increased 7.43 on average. p value 0.002 means there is a significant influence before and after treatment.*

**Keywords:** *Ebookcreator.com, Features, Nursing Action Procedure, Speaking*

### **INTRODUCTION**

Teaching English, especially in the context of nursing, is becoming increasingly relevant on campuses with non-English majors. In the Nursing Department at STIKES Madani, the application of English for Specific Purposes (ESP) has paid attention to English language skills that are in line with health themes, one of which is nursing. However, previous research has highlighted several important aspects that can enrich this teaching method. Previous research on using the ebookcreator.com platform to improve the speaking skills of nursing students at STIKES Madani can be abstracted from several articles. According to (Warni et al., 2018), the technology used outside the classroom to learn English encourages learner independence, including learning motivation, metacognitive awareness, self-confidence, and social skills. The study's findings suggest that technology, such as the ebookcreator.com platform, can be a useful tool for teaching students how to explain medical processes in English. In addition, the study concluded that the use of multimedia increases student engagement in learning English. (Lim et al., 2020) conducted a study on e-book design and found new insights about how student achievement can be better managed through a specific



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type of e-book design. Therefore, previous research shows the potential of using the ebookcreator.com platform to learn English, especially in the context of explaining nursing procedures.

However, although previous research has highlighted the benefits of using technology and e-books for learning English, there is still a paucity of research exploring the use of the ebookcreator.com platform to explain nursing procedures in English. Several studies tend to ignore the unique nursing context and focus more on aspects of speaking in general. This creates the opportunity to make this research a new attempt at leveraging the potential of ebookcreator.com to optimize the process of explaining nursing procedures in English. This research will fill this gap and focus on the application of ebookcreator.com in the learning context of nursing students, so as to provide fresh insights into teaching English in nursing departments.

The expected contribution of this research is to provide real benefits for teaching and learning English, especially in the context of nursing. By exploring the potential use of the ebookcreator.com platform in explaining nursing procedures, this research has the potential to provide new insights and innovative methods for improving nursing students' speaking skills. The results of this study can serve as a guideline for educators to use technology more effectively in learning English and create a more interesting and interactive learning environment. In addition, developing a digital learning portfolio through ebookcreator.com can provide nursing students with a holistic approach to tracking their language development as well as incorporating their nursing expertise. In addition, the results of this study can be an inspiration for further research on innovative language teaching methods and contribute to the development of ESP knowledge in nursing education.

The summary of the literature on previous studies highlights relevant research. (Warni et al., 2018) examined the use of technology to learn English and its effect on student learning independence, including motivation, metacognitive awareness, self-confidence, and social skills. (Lim et al., 2020) focus on e-book design and its impact on student academic achievement. (Tenri Ampa et al., 2013) found the effectiveness of using multimedia in improving English proficiency. (Chen et al., 2021) highlighted the importance of developing more useful e-book features to support the practice of teaching English as a foreign language. All of this research provides a relevant

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theoretical basis for this study, which focuses on the application of ebookcreator.com in the context of explaining nursing procedures in English. With reference to these findings, this study seeks to make a positive contribution to teaching and learning English in the context of nursing.

In this study, the depth the implementation of the functions of the ebookcreator.com platform to improve the ability of nurses in explains nursing procedures in English were explored and analyzed. The platform offers a range of features, such as audio recording, multimedia use, and writing features, which can help nurses in compiling digital books containing descriptions of nursing procedures more interactively and effectively. We observed how the use of these features can improve the English-speaking skills of nurses in the context of explaining nursing procedures.

### **RESEARCH METHOD**

This research used an experimental approach with a pre-test and post-test research design. The experimental approach was chosen because this study aims to evaluate the effectiveness of using the ebookcreator.com platform in improving nursing students' English-speaking skills in Nursing English class. The pre-test and post-test designs were used to compare students' speaking abilities before and after participating in learning using the ebookcreator.com platform.

The population in this study were 4th semester students of the Bachelor of Nursing Study Program at STIKES Madani. The research sample was taken using a total sampling technique, so that all 2021 class students, consisting of 1 class with a total of 14 students, became the research sample. The reason for choosing a sample of students in semester 2 of the Undergraduate Nursing Study Program at STIKES Madani as the subject of this study was because in semester 4, students had been taught how to perform nursing actions procedures in the core nursing courses. At this stage, they are expected to have basic knowledge and skills in carrying out nursing actions procedures, which should be explained in English correctly.

Semester 4 students are considered the right subject because they are at the appropriate level of education to attend Nursing English classes and already have an initial understanding of nursing actions. Thus, this research can provide a relevant description of the effectiveness of the ebookcreator.com platform in improving the

English-speaking skills of nursing students who already have basic knowledge of nursing actions. The results of this study are expected to provide valuable input for the development of English learning in the context of nursing at this educational institution.

The instrument used in this study was a speaking test. This test used as a pre-test before students conduct the nursing action procedure explanation using the ebookcreator.com platform. And students underwent the same post-test to measure their speaking ability after using the platform. Data from pre-test and post-test results were processed using the Statistical Package for the Social Sciences (SPSS) program for statistical analysis. The data were analyzed using the T test to determine whether there is a significant difference between the results of the pre-test and post-test on students' speaking ability after using the ebookcreator.com platform.

The conclusion of this study were based on the results of statistical analysis, which show whether there is a significant increase in students' English-speaking ability after using the ebookcreator.com platform. The implications of the results of this study were used to provide recommendations regarding the use of the ebookcreator.com platform as an effective learning tool for improving the English-speaking skills of nursing students at STIKES Madani.

## **FINDINGS AND DISCUSSION**

### **Findings**

This study aims to answer three problem formulations: how do students use the ebookcreator.com platform in explaining nursing procedures; what are the pre-test and post-test results of students' English speaking skills before and after using ebookcreator.com; and how are their abilities in explaining nursing procedures after using ebookcreator.com?

The research was carried out from the even semester of the 2021–2022 academic year to the odd semester of the 2022/2023 academic year. The pre-test is carried out by giving a speaking test by asking students to explain the procedure for carrying out nursing actions, namely how to perform intramuscular injections. In the pre-test, students only explained nursing action procedures by memorizing and explaining them step by step directly without using the media. This explanation is given once, and the researcher assesses it by giving it a score based on the scoring rubric used.

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The results of the pre-test showed that at first, students experienced difficulties in explaining nursing procedures in English. The explanations given tend to be monotonous and do not use media to support their presentations. Therefore, researchers use ebookcreator.com as a medium for speaking practice. By using this platform, students are given examples of how to explain procedures correctly in English with good pronunciation.

During implementation, students are asked to use the features available on the ebookcreator.com site. These features include menus for uploading images, audio recordings, videos, and text. The process of explaining nursing action procedures involves writing titles, explaining the definition of intramuscular injections, explaining the tools used, and clarifying the procedures for carrying out intramuscular injections. Any text written on each page must be accompanied by an audio recording on how to read it properly. In addition, an action video is also embedded on the page.

The results of using ebookcreator.com show that the voice recording feature is very helpful for students in conveying their best performances. They can repeat the recording activity until they get the best sound recording, and this is a very good process for learning pronunciations because there is potential for repetition and the recordings can be listened to immediately before uploading. The increased score after post-test can be shown below:

**Table 1.** Increase of speaking scores of pre and post tests

Students' mean score	Pre Test	Post Test	Score Improvement (%)
Mean Score	10.36	17.79	70

The table above shows an increase in speaking scores which shows the effect of using the ebookcreator.com feature in improving students' speaking skills. The data above is reinforced by the results of data analysis using the following SPSS:

**Table 2.** The results of the statistical analysis

No	Variabel	Pre-test	Post-test	p-value	Description
1	The Implementation of Ebookcreator.Com Fitures For Explaining Nursing Procedures In English	10.35±1.54	17.28±2.19	0.002	Significances

The results of the statistical analysis showed a significant difference before and after the implementation of the use of the Ebookcreator.Com feature for speaking

activities explaining nursing procedures in English ( $p=0.002$ ). This increase is due to the fact that in the process of making an e-book, there is a process of writing and recording sound or voice which requires a lot of repetition actions so as to make the results more perfect. The use of features on the web also makes students have a learning experience to produce better results. The results above are in accordance with the results of the study (Tenri Ampa et al., 2013) that multimedia, especially in this case, includes all the features in the media for making e-books on the ebookcreator.com website which is very effective in improving speaking skills. The voice recorder feature especially accommodates the speaking learning process. Students explain the procedure for intramuscular injection through the voice recorder feature and the results before upload can be deleted and repeated until students feel they are getting the best results to upload in the e-book.

The results of this study also support research by (Ratnasari, 2019) which found that pictures can improve speaking skills. In the ebookcreator.com the image or image feature is also used to explain the procedure for intramuscular injections. Students are required to insert all images related to intramuscular injection procedures to make it easier for them to explain the procedure. Apart from pictures, video features also help students to more easily explain procedures. The use of computers can improve pronunciation skills as found in research (Bashori et al., 2022) namely Automatic Speech Recognition (ASR) technology can improve students' pronunciation skills. The use of e-books on this ebookcreator.com website must use a computer and voice menus can be used to train student pronunciation. So that this research supports the results of previous research related to the influence of existing technology in ebookcreator.com in improving students' speaking skills.

The results of this study are in line with the advice given by (Newton & Nation, 2020) to use a lot of tools taken from the internet or web-based tools to improve English learning skills. There are many internet resources for language learning and many of them are free, so using the ebookcreator.com web, which has lots of multimedia features in it to create digital books, is very good to use to get an experience learning English. This is also in line with (Sung et al., 2022) who states the use of e-book promote the students' learning achievement.

## **Discussions**

The results of this study indicate that the use of the ebookcreator.com platform can significantly improve students' English-speaking skills in the context of explaining nursing procedures. Before using this platform, students experienced difficulties expressing nursing action procedures in English. The explanations given tend to be monotonous and lack supporting media, which makes the presentation less interesting. However, after using ebookcreator.com as a medium for speaking practice, there was a significant improvement in their English speaking ability. The results of the increase in speaking scores from the pre-test to the post-test showed an average increase of 70%. The results of statistical analysis using SPSS also showed that there was a significant difference between before and after using ebookcreator.com for speaking activities explaining nursing procedures in English ( $p = 0.002$ ). The implementation of ebookcreator.com succeeded in overcoming the initial problem of explaining monotonous and less interactive nursing procedures. Students are invited to use available multimedia features, such as uploading pictures, audio recordings, and videos. The process of explaining nursing procedures through this platform involves writing texts accompanied by audio and video recordings. The use of multimedia in student explanations makes presentations more interactive, interesting, and enjoyable for listeners, thus increasing their understanding and involvement in learning. The results of this study are also consistent with the findings of previous studies, which state that the use of multimedia, images, and computer technology can improve English-speaking skills. Features on ebookcreator.com, such as voice, image, and video recording features, provide a better learning experience for students when explaining nursing procedures in English. The use of ebookcreator.com as a tool for learning English in the context of nursing has had a positive impact on students. Their ability to speak English is proven to have increased significantly after using this platform. This shows that the use of technology in learning English can be an effective and attractive alternative for students, especially when facing the specific and contextual challenges of speaking English in the world of nursing. However, keep in mind that this research also has some limitations. First, the research sample is limited to 4<sup>th</sup> semester students at one tertiary institution, so generalization of research results needs to be done with caution. In addition, the research focus is only related to the

ability to speak English in explaining nursing procedures, so further research is needed to see the impact of using ebookcreator.com in other aspects of English proficiency. Overall, this study makes an important contribution to the understanding of the effectiveness of using ebookcreator.com as a tool for learning to speak English in a nursing context. The results of this study can be used as a reference for teachers interested in enriching English learning methods in nursing departments and other health fields. It is hoped that this research can be a starting point to further explore the potential of technology and multimedia in learning English in a way that is more contextual and interesting for students.

## **CONCLUSION**

This study concludes that the use of the ebookcreator.com platform is effective in improving students' English-speaking skills in explaining nursing procedures. Before using this platform, students had difficulty explaining nursing actions in English, but after using ebookcreator.com, there was a significant improvement in their speaking skills. The use of multimedia features on this platform, such as sound recordings, images, and videos, provides an interactive and fun learning experience. The results of this study make a positive contribution in the context of teaching and learning English in nursing departments or other health fields. This shows that the use of technology and multimedia platforms can be an effective alternative for improving the English-speaking skills of nursing students. This study also confirms the results of previous studies, which show that the use of technology in learning English can provide significant benefits in improving students' speaking skills. Therefore, the use of ebookcreator.com as an English-speaking learning tool needs to be considered to improve the quality of learning English in nursing and other health fields.

## **REFERENCES**

- Bashori, M., van Hout, R., Strik, H., & Cucchiarini, C. (2022). 'Look, I can speak correctly': learning vocabulary and pronunciation through websites equipped with automatic speech recognition technology. *Computer Assisted Language Learning*, 1–29. <https://doi.org/10.1080/09588221.2022.2080230>
- Chen, M. R. A., Hwang, G. J., Majumdar, R., Toyokawa, Y., & Ogata, H. (2021). *Research trends in the use of E-books in English as a foreign language (EFL)*

### *The Implementation...*

- education from 2011 to 2020: a bibliometric and content analysis.*  
<https://doi.org/10.1080/10494820.2021.1888755>
- Lim, B. C. Y., Liu, L. W. L., & Choo, C. H. (2020). Investigating the Effects of Interactive E-Book towards Academic Achievement. *Asian Journal of University Education*, 16(3), 78–88. <https://doi.org/10.24191/ajue.v16i3.10272>
- Newton, J. M., & Nation, I. S. P. (2020). Teaching ESL/EFL Listening and Speaking. In *Teaching ESL/EFL Listening and Speaking*. Routledge Taylor & Francis Group. <https://doi.org/10.4324/9780429203114>
- Ratnasari, E. M. (2019). *View of Pengaruh Penggunaan Buku Cerita Bergambar Terhadap Kemampuan Berbicara Anak*. *Scholaria Jurnal Pendidikan Dan Kebudayaan*, Vol 9 No 3. <https://doi.org/https://ejournal.uksw.edu/scholaria/article/view/1866>
- Sung, H.-Y., Hwang, G.-J., Chen, C.-Y., & Liu, W.-X. (2022). A contextual learning model for developing interactive e-books to improve students' performances of learning the Analects of Confucius. *Interactive Learning Environments*, 30(3), 470–483. <https://doi.org/10.1080/10494820.2019.1664595>
- Tenri Ampa, A., Amin Rasyid, M., Asfah Rahman, M., Haryanto, H., & Basri D., M. (2013). The Implementation of Multimedia Learning Materials in Teaching English Speaking Skills. *International Journal of English Language Education*, 1(3), 293. <https://doi.org/10.5296/ijele.v1i3.4153>
- Warni, S., Aziz, T. A., & Febriawan, D. (2018). the Use of Technology in English As a Foreign Language Learning Outside the Classroom: an Insight Into Learner Autonomy. *LLT Journal: A Journal on Language and Language Teaching*, 21(2), 148–156. <https://doi.org/10.24071/llt.v21i2.1259>