

THE USE OF E-PARAGRAPH APPLICATION IN PARAGRAPH WRITING CLASS AT SECOND SEMESTER STUDENTS OF ENGLISH EDUCATION STUDY PROGRAM OF UNIVERSITAS PGRI SEMARANG IN THE ACADEMIC YEAR 2022/2023

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Abstract

This study aims to find out how E-Paragraph application able to improve students' ability in paragraph writing class.

This final project aims to analyze the use of the Researcher's creation E-Paragraph The objectives of this study are; (1) To find out the implementation of E-Paragraph application in teaching paragraph writing. (2) To find out the students' perception the using E-Paragraph Application. (3) To find out students' writing paragraph development in the using E-Paragraph Application. The research design used in this research is descriptive qualitative research method because this method provides flexibility for researchers to interpret and analyze descriptively the subjective elements such as students' perception, obstacles, or feedback. The results of this study revealed that E- Paragraph able to help the students understanding about paragraph writing especially in expository text. Data is taken from the questionnaire and the documentation. From the questionnaire, researcher able to conclude it into pie chart that the students are able to keep up and having good understanding, interest in using E-Paragraph. The results of this study indicate that the application is able to assist the students to accomplish their paragraph writing. Through the E-Paragraph application, students can generate and organize their ideas and generate text as well. One good suggestion for lecturer to apply technology based media as an alternative way to improve students' writing skill

Keywords: Writing skill, Application, Android app

Introduction

Writing is a crucial skill that must be acquired by the students who are learning the English language. Competent writing is commonly recognized as the last language skill to be mastered by both native speakers and foreign/second language learners during the language learning journey, among the four fundamental language skills (Ishtiaq, 2019). writing is

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essential for students to communicate their knowledge and ideas effectively, especially for academic purposes such as term papers and job applications. Therefore, it is crucial for students, especially those in English study program, to learn how to write in English to prepare themselves for their final academic assignments such as final project writing. The ability to write paragraph is an fundamental skill for students in higher education, particularly for those studying in College. "Writing serves as a fundamental medium of communication, providing individuals with the ability to effectively convey their thoughts, ideas, and information. It enables the clear and structured articulation of intricate concepts, facilitating successful communication" (Lunsford, A. A., & Ruszkiewicz, J. J., 2013). Now, there has been an increasing interest in the use of technology to support writing instruction, and one of them is E-Paragraph application. "In today's fast-paced world, the rise in popularity of modern technologies is transforming society, work, and education. These technologies, which are deeply integrated into our daily lives, are evolving rapidly" (Fučeková & Metruk, 2018).. The E-Paragraph application is designed to assist students in paragraph writing, providing them with a platform to organize their ideas and structure their writing effectively. The application includes features such paragraph organization, and a generate function that allows students to improve their writing.

The researcher finally chose the research entitled "The Use of E-Paragraph Application in Paragraph Writing Class at Second Semester Students of English Education Study Program of Universitas PGRI Semarang in the Academic Year 2022/2023". The study is expected to explore the perceptions of students regarding the usefulness of the application, assess the impact of the application on student writing skills, and identify areas for improvement in the software.

Literature Review

1. Application

An application, commonly abbreviated as "app" is a software program designed to perform a specific task or set of tasks on a computer, mobile device, or other electronic device. Applications are created to meet a wide range of needs and can include everything from productivity tools to entertainment and social media platforms.

2. Writing

Fareed & Bilal (2016) writing is a cognitive process that involves exploring memory and thought. They also suggest that writing enables the expression of ideas from the text, which are essential for comprehending the purpose of writing.

3. Paragraph Writing

Paragraph writing is the process of organizing and presenting ideas in a coherent and logical manner within a single paragraph. A paragraph is a self-contained unit of writing that focuses on a specific topic or idea.

4. E-Paragraph

E-Paragraph app is a mobile application designed to help students improve their writing skills, specifically in the area of paragraph writing. The app provides a user-friendly interface that guides students through the process of constructing a well-written paragraph. According to Abdar et al. (2017), the progress of science and technology facilitates human labor by

relying on acquired knowledge. The E-Paragraph app is designed to be an interactive, engaging, and effective tool for students who are looking to improve their paragraph writing skills. By providing step-by-step guidance and immediate result.

Method

The researcher used the qualitative descriptive as its approach for data clustering, analysis the data to findings, and to find out the conclusion of these research. According to Ary (2012:2), qualitative research were methods for exploring and understanding meaning which a number of individuals or groups consider to be derived from social or humanitarian problems. The research was designed to know the effect of the use E-Paragraph in their writing paragraph's skills. The researcher few meetings to collect data. In this study, the researcher took Paragraph Writing class at Second Semester that consist of 27 students. In this study, the researcher uses questionnaire and documentation for the data collection.

Finding and Discussion

The results of the research contained both questionnaire and documentation, outside both of them researcher received some suggestion and critics such as researcher application are still in development. Then, researchers also still can not making iOS application, only able to make Android. The researcher did the explanation about the application and about text expository itself.

Table 1: Result of Questionnaire

No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	E-Paragraph makes writing paragraph easier and not boring.	5	6	3	1	0
2	E-Paragraph facilitates to write your own paragraph.	4	7	3	1	0
3	E-Paragraph is relevant enough to assist the paragraph's writing.	6	6	2	1	0
4	E-Paragraph is able to help differentiate	8	6	1	0	0

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	MASS and MISS.					
5	E-Paragraph provides section that makes writing a paragraph ease.	11	4	0	0	0
6	E-Paragraph strengthen the understanding in making writing paragraph.	7	0	0	0	
7	E-Paragraph compels students to realize that developing our own paragraph is not difficult.	5	7	2	1	0
8	E-Paragraph makes students think that making an English learning application is not hard even we are not in computer engineering degree.	4	3	2	4	2
9	Researcher's experiment in					

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	making E- Paragraph application perhaps drive students' interest into combining English learning and other futuristic technology.	3	6	3	2	1
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10	Researcher's creation, the E- Paragraph needed some improvements or tweaks to increase the effectiveness.	2	3	3	3	4
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Figure 1: Result of Documentation

The image shows a side-by-side comparison of an AI-generated paragraph. On the left is the 'E-Paragraph' tool interface, and on the right is the resulting paragraph text.

E-Paragraph Tool Interface (Left):

- E-Paragraph** (Header)
- Major Supporting Sentence: ated series like "SpongeBob SquarePants" and "Avatar".
- Minor Supporting Sentence 1: sport viewer to magical realms and talking sea creatures.
- Minor Supporting Sentence 2: e, people can find something entertaining and enjoyable.
- Major Supporting Sentence: ture documentaries, they are offer more than just visuals.
- Minor Supporting Sentence 1: ride valuable insights into ecosystems, wildlife behaviour.
- Minor Supporting Sentence 2: in raising awareness about environmental conservation.
- Concluding Sentence: a common thing, both of them stimulate our imagination.
- Generate Paragraph** (Button)
- My Favorite TV Programs** (Section Header)
- There are 2 of my favorite tv programs. Cartoons, usually we watch when we was a kid but I still prefer to watch them, such as animated series like "SpongeBob SquarePants" and "Avatar". Those cartoons have captured the hearts of audiences for their ability to transport viewer to magical realms and talking sea creatures. One more reason because regardless of age, people can find something entertaining and enjoyable. The second favorite is nature documentaries, they are offer more than just visuals. They provide valuable insights into ecosystems, wildlife behaviour. These documentaries also play a crucial role in raising awareness about environmental conservation. Although cartoons and nature documentaries maybe seem like contrast, they share a common thing, both of them stimulate our imagination.

Resulting Paragraph (Right):

E-Paragraph (Header)

is like Looney Tunes, Tom & Jerry and The Simpsons.

Minor Supporting Sentence 1: physics is gone and rely on imagination is always catch me.

Minor Supporting Sentence 2: ism from this world, triggering laughter and imagination.

Major Supporting Sentence: nan behaviour, my favorite are "Queer Eye" and "X Factor"

Minor Supporting Sentence 1: mpse into real-life experiences, emotions and challenges.

Minor Supporting Sentence 2: tance of human connection in fostering positive change.

Concluding Sentence: t both wield the power to captivate, entertain and inspire.

Generate Paragraph (Button)

My Favorite TV Programs

Television offer many genres that diverse tastes and interest. Among these, two captivating genres that have found a special place in my hearts are cartoons and reality TV show. I prefer cartoons like "Looney Tunes", "Tom & Jerry" and "The Simpsons". The fictional universe where the physics is gone and rely on imagination is always catch me. At the surface, these shows provide a hearty dose of humor and escapism from this world, triggering laughter and imagination. On other side, reality TV shows are gained immense popularity by capturing the undiscovered human behaviour, my favorite are "Queer Eye" and "X Factor". They provide glimpse into real-life experiences, emotions and challenges. Some of them focusing on personal transformation, highlighting the power of self-improvement and the importance of human connection in fostering positive change. In conclusion, that both wield the power to captivate, entertain and inspire.

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The screenshot displays the E-Paragraph application interface. At the top, a blue header reads "E-Paragraph". Below it, a paragraph is shown with various sentences highlighted and labeled. The labels include "Topic Sentence", "Major Supporting Sentence", "Minor Supporting Sentence 1", "Minor Supporting Sentence 2", and "Concluding Sentence". A blue button labeled "Generate Paragraph" is positioned below the paragraph. The final output of the application is a single paragraph titled "My Favorite TV Programs" which combines all the input sentences into a cohesive text.

Topic Sentence
f world, my favorite TV programs are drama and comedy.

Major Supporting Sentence
The drama are "Breaking Bad" and "Stranger things".

Minor Supporting Sentence 1
l chemistry teacher turned into illegal drug manufacturer.

Minor Supporting Sentence 2
ound a group of friends and supernatural things happen.

Major Supporting Sentence
Then, my favorite comedy TV program are "Friends".

Minor Supporting Sentence 1
brings so much laughter and heartwarming connections.

Minor Supporting Sentence 2
the lives and relationship of six friends in New York City.

Concluding Sentence
In summary these shows, resonate with audiences by exp

Generate Paragraph

My Favorite TV Programs

Television has ability to tell us about other side of world, my favorite TV programs are drama and comedy. The drama are "Breaking Bad" and "Stranger things". Breaking Bad is a tale of a high school chemistry teacher turned into illegal drug manufacturer. Stranger Things is a sci-fi mistery that revolves around a group of friends and supernatural things happen. Then, my favorite comedy TV program are "Friends". That program brings so much laughter and heartwarming connections. This iconic comedy revolves around the lives and relationship of six friends in New York City. In summary these shows, resonate with audiences by exploring the depths of human complexity.

Based on the results of the study, during the learning process, the students looked very enthusiastic. Because learning by using technology media is a new experience for them. In the implementation by using E-Paragraph, gives many changes to the students; they look enthusiastic, very motivated, and not bored when the learning process takes place. However, the researcher found a few obstacles before the learning took place. There are some students who do not use an android phone, they use iphone instead, so they cannot join the E-Paragraph research, but they still do questionnaire though. From the documentation researcher knew that few of them are able to create comprehensive expository text that even researcher surprised that they are able to make such a clear text.

Conclusion

Researchers able to draw conclusion that E-Paragraph application can improve expository text written by students. This statement has been proven by research results findings in qualitative data. This increase occurred because students interest rapidly increased if they are studying through technology-based media to solve and improve students' problems in writing paragraph making it easier for students and helping students to write a tell the text, and then in

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the teaching and learning process, students are able to keep up, enthusiastic and communicative.

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