



The effect of wappad application towards students' reading comprehension in report text (An Experimental Study at the Tenth Grade Students of SMAN 2 Malingping Lebak Banten in the Year Academic 2023/ 2024)

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INFO ARTIKEL	ABSTRAK
<p><i>Sejarah Artikel:</i> Diterima: 2 September 2024 Direvisi: 23 September 2024 Disetujui: 27 Oktober 2024 Tersedia Daring: 1 November 2024</p> <p><i>Kata Kunci:</i> Pemahaman Membaca Teks Laporan Aplikasi Wappad</p>	<p>Tujuan dari penelitian ini adalah pengaruh signifikan aplikasi Wappad meningkatkan kemampuan pemahaman membaca siswa kelas X di SMAN 2 Malingping secara signifikan. Menggunakan desain kelompok pre-test dan post-test, metodologi yang digunakan adalah quasi eksperimen, dan metodologi penelitian adalah kuantitatif. Populasi penelitian ini berjumlah 94 siswa, dan sampelnya berjumlah 60 siswa. Dalam menganalisis data, peneliti menggunakan tes prestasi dengan komputasi statistik SPSS 25 untuk menganalisis uji hipotesis. Peneliti memperoleh hasil thitung (0,285) dan signifikansi dua sisi = $0,465 < \alpha 0,05$. Dari data tersebut dapat diartikan bahwa terdapat perbedaan yang signifikan antara kedua kelompok dalam memperoleh skor, karena hasilnya nilai signifikan lebih besar dari 0,05 yang berarti H_0 diterima. Oleh karena itu, peneliti menyimpulkan bahwa penerapan Wappad mempunyai peran yang baik terhadap keterampilan pemahaman membaca teks laporan siswa. Selain itu, aplikasi Wappad selain efektif dalam pembelajaran membaca juga dapat digunakan sebagai media membaca buku online karena aplikasi Wappad mempunyai ruang kosong untuk komunikasi antara guru dengan siswa maupun antara siswa dengan penggunaan guru lainnya. kolom komentar yang disediakan.</p>

ABSTRACT	
<p><i>Keywords:</i> Reading Comprehension Report Text Application Wappad</p>	<p>The aim of this research is the significant effect of the Wappad application significantly improves the reading comprehension abilities of class X students at SMAN 2 Malingping. Using a pre-test and post-test group design, the methodology used is quasi-experimental, and the research methodology is quantitative. The population of this research was 94 students, and the sample was 60 students. In analyzing the data, researcher used achievement tests with SPSS 25 statistical computing to analyze hypothesis tests. Researcher obtained tcount results (0.285) and two-sided significance = $0.465 < \alpha 0.05$. From this data it can be interpreted that there is a significant difference between the two groups in obtaining scores, because the result is a significant value grether than 0.05, which means H_0 is accepted. Therefore, the researcher concluded that the application of Wappad had a good role in students' reading comprehension skills of report texts. Apart from that, the Wappad application, apart from being effective in learning to read, can also be used as a medium for reading online books because the Wappad application has free space for communication between teachers and students as well as between students and other teachers use the comments column provided.</p>



1. Pendahuluan

In Indonesia, English is the primary foreign language taught in schools. The phrase "foreign language" in education refers to a language that is instructed rather than used for everyday communication. Foreign languages are generally part of the school curriculum. English is a required subject in Indonesian schools, from elementary to university levels. Even with years of study, many students find learning English challenging. Therefore, students need learning tools that are interactive, engaging, and easy to grasp. Among the skills that students need to master in learning English are listening, speaking, reading, and writing. Despite focusing on these four skills, students often struggle with understanding the language. Reading is an everyday activity that can help students expand their knowledge. This, in turn, enhances their ability to derive meaning and purpose from what they read. As stated by Ferdiansyah et al. (2023:208), "Reading is one of the four essential English skills, involving the examination of written material and interpreting the meaning of the words." By reading we can gain new knowledge and information, through this process we can reduce uncertainty in understanding the writing and meaning of the reading we have read.

Identification of the problem, Given the issues outlined in the background, the research questions are as follows learners' insufficient word knowledge, lacked of interested in reading in students, students found English difficult to read and understand. Many students are still reluctant to read for various reasons, especially finding English difficult to read and understand. This affects their interest in reading English or other subjects. To improve student achievement in the learning process, particularly in reading activities where understanding the teacher-provided text is essential, it is necessary to address poor learning outcomes. Enhancing these outcomes is supported by the surrounding environment and students' reading habits, as they often spend time socializing with friends both in and out of school. This has led to a daily decline in students' interest in reading. The above statement addresses the issue of dwindling interest in reading in Indonesia. Many parents and children spend their time watching TV, using electronic devices, and socializing with friends. This affects their interest and ability in reading, leading to feelings of laziness and boredom when it comes to reading. Hence, there is a need for factors that can inspire students to read and boost their enthusiasm. The role of teachers and the learning environment is essential in this process. Many students abandon studying English even before lessons begin due to inadequate vocabulary.

Reading comprehension is a vital part of English language proficiency, enabling students to interpret and understand text meanings. It is particularly important for students to master this skill when reading books or texts provided by teachers. Reading comprehension involves analyzing the content of materials to understand their meaning and purpose. This skill is essential for students to accurately comprehend and interpret the texts they encounter.

1. Wattpad Application

Wattpad is an application for reading stories from various genres, ranging from children, teenagers, adults, and the elderly. This application can be categorized as an application that



is quite often used as a medium for reading. According to Gonzaga, et.al in Khasanah (2020:8), "Wattpad is an ERSITAS ISLAN platform that offers a space for writers to publish their work and for readers to access these writings. Moreover, it facilitates free interaction between writers and readers." Designed for reading and writing enthusiasts, Wattpad has gained widespread popularity, boasting 15 million users globally, over 400 million stories, and an average reading time of 30 minutes per session. Mawardi (2018: 77-82) states that "Wattpad is a platform where social media users can explore various types of content, such as short stories, novels, and poetry." The platform has expanded quickly and is now recognized as a form of electronic literature. Wattpad's largest user base is in the US, with significant followings in the UK and Canada. Moreover, it has also grown in Asia, including Indonesia.

2. Report Text

A report text is created from research or observations that describe a situation, condition, or both natural and artificial phenomena in the environment. As stated by Dirgeyasa (2016:70), "Report text describes how aspects of our environment are depicted." These texts typically cover natural events, human-made occurrences, and social issues, providing detailed and factual information to improve the reader's comprehension. Sunarti (2015:61) also noted that "A report text (informational report) is used to categorize, describe, or present information about a particular subject". According to this statement, a report text delivers information on various general subjects, such as science, natural events, the environment, and technology. It aims to identify or describe details about a topic to produce information, expand knowledge, and provide a wider understanding for the reader.

2. Metode

This research uses a quantitative approach with a quasi-experimental design with two variables in this method. By collecting numerical data to test the impact of the program using SPSS 25. The experimental class and the control class are the two class groupings sampled in this research. According to White & Sabarwal (2014:2) explain that "quasi-experimental methods, which include forming a comparison group, are commonly used when random assignment of individuals or groups to treatment and control conditions is not feasible." Before carrying out treatment, first a pre-test is carried out to determine students' abilities and scores. The post-test was carried out to assess abilities and scores after being given treatment. Pre-test and post-test help determine whether there is a difference or not. The research was conducted from January to July, the population in this study included three classes, namely X1 with 31 students (sixteen girls and fifteen boys), X2 with 32 students (seventeen girls and fifteen boys), and women and 18 men).

Table 1 The Data of Population

No	Class	Number of Population
1	X1	31 students
2	X2	32 stdents
3	X3	31 students
	Total	94 students

The sample is part of the research population. Authors used random sampling techniques to take samples from the entire population. Based on data collection using random sampling techniques, autjor used class X2 as the experimental class and X3 as the control class.

Table 2 The Data of Sample

No	Class	Sumple	Class
1.	X2	32 Students	Class Experiment
2.	X3	31 Students	Class Control
	Total	63	63

Based on the table above, the author took two classes to measure this research. The authors took two classes because the authors u lused the Wattpad application for the experimental class and the Cabaca Application for the control class.

3. Hasil dan Pembahasan

The pre-test and post-test totaled 30 students in both classes and the following table explains the results of the pre-test and post-test scores for students in the experimental class and control class, as follows:

Table 3 Description of the Data

	N	Range	Mini mum	Maxi mum	Sum	Mean	Std. Deviation	Variance
	Stati stic	Statist ic	Statist ic	Statist ic	Statist ic	Statist ic	Std. Error	Statistic
Pre-test Control	30	10	60	60	1.179	64.17	1.597	3.764
Post- test Control	30	5	65	75	2.125	71.67	1.054	2.582

Pre-test									
Experi	30	15	70	75		65.33	2.386	5.845	34.157
mental					1.875				
Pre-test									
Experi	30	15	70	80	2.135	73.33	2.472	6.055	36.667
mental									
Post-test									

In the pre-test and post-test in both classes the total number of students was 63 people. However, in implementing the pre-test and post-test as a test of students' reading comprehension, not all students participated in the implementation. There were 30 students involved in the pre-test and post-test in the experimental class and 30 students in the control class. In the pre-test, the control class which included 30 students, had a highest score is 70, a lowest score of 45, and a cumulative total of 1,179. In contrast, the Experimental class, with 30 students as well, recorded a highest score of 75, a lowest score of 45, and a total of 1,875. During the post-test, the Control class again comprised 30 students, achieving a highest score of 80, a lowest score of 60, and a total of 2,125. The experimental class, which had the same number of students, recorded a highest score of 80, a lowest score of 45, and a total score of 2,135.

In this research, data analysis uses t-test analysis. Author use the normality test and homogeneity test before calculating the T test. The purpose of these two analyzes is as a prerequisite for research analysis. Based on calculations from the SPSS 25 program, the data is normally distributed and homogeneous, therefore to determine the hypothesis (T test) this research uses parametric statistics, and the output of the T test with the SPSS 25 program is as follows.

Table 4 Test of Normality

	Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	Df	Sig.	Statistic	Df	Sig.	
pre-test control class	.223	6	.200	.866	6	.212	
post-test control class	.209	6	.200*	.640	6	.218	
pre-test experimental class	.254	6	.200*	.907	6	.415	
post test experimental class	.407	6	.200*	.908	6	.421	

The data results show that the p-values of 0.212, 0.218, 0.415, and 0.421 are greater than 0.05. Therefore, it can be concluded that the data for each class is normally distributed, indicating that the null hypothesis (H0) is accepted. For a homogeneous test is carried out to

determine whether the population variances used in the research are the same or not, in order to fulfill sufficient requirements for comparison.

Table 5 Test of Homogeneity of Variance

		Test of Homogeneity of Variance			
		Levene Statistic	df1	df2	Sig.
Hasil	Based on Mean	1.143	1	58	.289
	Based on Median	.606	1	58	.439
	Based on Median and with adjusted df	.606	1	43.675	.441
	Based on trimmed mean	.998	1	58	.322

The Levene test results from SPSS 25 show a significance value of 0.289, exceeding 0.05, which suggests that the two classes do not differ significantly. This implies that the variances are comparable, indicating homogeneity of the data.

Table 6 The Result of Hypothesis Test used T-test

		Levene's Test for Equality of Variances		t-test for Equality of Means							
				t	Df	1- side p	2- side p	Mea n Diffe r ence	Std. Error Differ ence	95% Confidence Interval of the Difference	
										Lower	Upper
F	Sig.										
The Result of Students' Reading Comprehensio n Test	Equal variances assumed	1.143	.289	-089	58	.465	.929	-167	1.864	-3.565	3.899
	Equal variances not assumed			-089	52.119	.465	.929	-167	1.864	-3.574	3.908

The Levene test results show a value of 0.289, which exceeds 0.05, indicating that the variances between the two groups are not significantly different. As a result, the t-value for "Equal variances assumed" is -0.89 with 58 degrees of freedom, and the two-tailed significance value is 0.465. Because this significance value is greater than 0.05, the null hypothesis is rejected, suggesting that the Wattpad application significantly effect students'



reading comprehension of report texts. This research is a type of quantitative research that connects cause and effect, with two variables, namely the Wattpad application as a (X) variable and reading comprehension as a (Y) variable. The purpose of this research is to test the effect of Wattpad towards students' reading comprehension in report text. The researcher aimed to find out whether the treatment and pre-test and post-test were given for 3 weeks because the permission given by the school was limited. This research was conducted at SMAN 2 Malingping, this research involved 63 students from two classes, namely Class X2 with 32 students and Class X3 with 31 students. These classes were designated as control and experimental classes using random sampling techniques, both classes received different interventions. The control class uses the Cabaca application, while the experimental class uses the Wattpad application. Both classes completed the treatment as well as pre-tests and post-tests during the research.

4. Kesimpulan

Based on the results of research conducted at SMAN 2 Malingping Lebak-Banten for the 2023/2024 academic year. The researcher obtained the results of data analysis from the research that there was a significant effect of wattpad application towards students' reading comprehension in report text. This could be seen in the results of the hypothesis test that $t_{count} = 0,465$ and the significance value (p -value) = $0.465 < 0.05$. Then the alternative hypothesis (H_a) is accepted and the null hypothesis (H_o) is rejected. This means that there was a significant difference in the scores of the two groups, namely between the control class and the experimental class. Therefore, the researcher concluded that learning using the Wattpad application has a good and significant effect towards students' reading comprehension the tenth grade of SMAN 2 Malingping Lebak-Banten in academic year 2023/2024. In light of the reserach findings, the researcher suggests the following recommendations:

1. For English Teacher
 - a. The application of the Wattpad application as a learning medium needs to be carried out by the teacher. Because students are given the freedom in the learning process to conclude their opinions, students' interest in reading arises to learn seriously
 - b. The Wattpad tool should be tailored to different subjects to assess its effectiveness as a teaching resource across a range of topics.
 - c. For teachers who use the Wattpad application, it is hoped that there will be an increase in the new learning atmosphere every time they teach.
2. For Student;s
 - a. Students are anticipated to build increased confidence in sharing their ideas.
 - b. Students are expected to engage more actively in their learning and take greater responsibility for the assignments given by the teacher.
 - c. Utilizing the Wattpad application enables students to enhance their reading comprehension through regular reading, even without focusing on in-depth analysis.

5. Ucapan Terima Kasih

Praise and gratitude to Allah SWT, because thanks to the abundance of grace and love that was always given to me during the education process until finally I was at this point which was the final point of my struggle to study for four years and finally the researcher was able to



complete this thesis. Don't forget that the preparation of this thesis cannot be separated from the help, support, advice and motivation from various parties. For this reason, on this occasion the researcher would like to express his deepest gratitude to:

- a. Dr. Ika Meika, S.Si, M.Pd as Dean of Teacher Training and Education Faculty University of Mathla'ul Anwar Banten
- b. Rizdki Elang Gumelar, M.Pd as the Head of Study Program
- c. Ade Sudirman, Mpdas the First Supervisor who has guided the author until the preparation of this thesis is complete.
- d. Ari Fajria Novari, Mpd as the Second Supervisor who has guided the author until the preparation of this thesis is complete.
- e. All Lecturers of the English Education Department, Mathla'ul Anwar University Banten for the support, and knowledge that have been given to me.
- f. My beloved parents, my brothers and sisters who endlessly pray for me and always give me their support.
- g. my beloved relatives and friends for their support and encouragement so that the author can complete this thesis.

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