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# THE EFFECT OF USING HELLO ENGLISH APPLICATION SYSTEM ON THE STUDENTS' SPEAKING SKILL

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#### **ABSTRACT**

This research aims to determine whether there is a significant influence of the use of digital systems on the speaking skills of students in ten grade Senior High School. This research is a quantitative with anexperimental design. It was conducted in ten grade SMK NEGERI 1 BERINGIN under the academic year 2020/2021. The total population was 168 students and researchers took 20 students for the experimental class and 20 students for the control class which meant 40 students as a total sample. In collecting data, researchers used speaking test. Tests are pre-tests given before treatment and post tests given after treatment. Then, the data obtained were analyzed using t-test at SPSS 20 with a significance level of 5% (0.05). Furthermore, the t-test results showed that t-test (3.327) was higher than t-table at a significance level of 5% (0.05) with a degree of freedom 38 being 2.024. Therefore, the results of t-test>t-table result that Ho (null hypothesis) is rejected and Ha (alternative hypothesis) is accepted. Thus, the Hello English application has a significant influence on students' speaking skills in ten grade SMK NEGERI 1 BERINGIN.

Keywords: digital system, speaking skills

### 1. Introduction

### 1.1. Introduction

English is an international language in communication. As an international language, English is widely used in every aspect of life such as science, technology, and commerce. This condition encourages people to be able to communicate in English because they consider that English is an important language in the globalization era. Besides important, English is also considered as beneficial because it can help people communicate with people around the world, get better access of technology and have better education and jobs. There are four skills that people need to acquire when they are learning English; listening, speaking, reading and writing. Speaking is one of the English skills that plays an important role in language studies because it is related to the development of communication skill.

According to Brown (in Muhlisin 2019), speaking is the product of creative construction of linguistic strings, the speaker makes choices of lexicon, structure, and discourse. Brown (2004:140) states that some aspects of language that should be included in measuring speaking are pronunciation, fluency, vocabulary use, grammar, and comprehensibility. It means that speaking has some aspects that should be watch before the speaker does the speaking activity. The aspects will influence thestudents' capability, so it must be learned more over.

### 1.2. Research questions

Based on the problem identified above, the problems are formulated as follow "Is there any significant effect of using hello english application system on the students' speaking skill"?

# 1.3. Significance of the study

In general, the results of this research are theoretically expected to contribute to the horizon of English teaching. By conducting the research, the researcher hopes that she can study and

get more information to identify the problems in students' speaking skill. For the teachers, this research is expected to provide the teachers with the information about hello english application system, so that the teachers can help their students when they face some problems in mastering speaking skill. The researcher also hopes that English teachers can use the result of the research as a feedback on teaching speaking so that the objectives of the English teaching program especially the objectives of speaking skill can be achieved. For the students, by conducting the research, the researcher hopes that the students can increase their speaking skill. The researcher also hopes that they can get some knowledge of problem. For the readers by reading the research, the researcher hopes that the reader will have no find any difficulties in speaking in mastery and furthermore, the researcher hopes that the readers can increase their knowledge of English language.

# 2. Review of Literature

### 2.1 Theoretical Framework

The research of this thesis is planned to investigate The Effect of Using Hello English Application System on the Students' Speaking Skill. To make it clear, it is important to classify the term in this research in order to avoid misinterpretation among reader in understanding the analysis to be presented. Some terms need to be clarified as followed.

# Digital System

Digital learning is a system that can facilitate learners learning more broadly, more widely, and in a variety of ways. Through the facilities provided by the system, learners can learn anytime and anywhere without being limited by distance, space and time. Learning material learned is more varied, not only in verbal form, but more varied such as text, visuals, audio, and motion (Munir 2017:13). Digital system here as media for teaching learning, which teaching learning media is a tool that has function and can be used to send messages in teaching learning process.

There are some purposes of teaching learning media: (a) to make easy teaching learning process; (b) to increase learning process more efficient; (c) to keep relevant between the material and the teaching learning purposes; (d) to help the learners concentrate in teaching learning process (Sanaky 2009:4).

According to Dockstader in Yaumi (2018), technology integration is defined as using computer effectively and efficiently in the general content areas to allow students to learn how to apply computer skills in meaningful ways.

From definitions above, the researcher concludes that technology integration is how technologies are used to improve specific area which in this case is education. The concept of technology integration is basically the effective use of technology in the education system and the benefit of technology in teaching and learning process.

# 2.2 Hello English Application

Hello English (HE) is an interactive, personalized, and contextual English learning application designed specifically for English as a second language learners. Launched in October of 2014, HE is Asia's most downloaded. The purpose of Hello English is to make the user can master English by their own native language. The app has consistently retained

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the top position under the free apps in education category in India, Sri Lanka, Bangladesh, Nepal, Qatar, and many others.

Hello English covers all four aspects of language acquisition: Reading, Writing, Listening and Speaking, with advanced voice recognition technology that allows learners to speak into the app and hold real-life, useful conversations and a lot of vocabularies. It pairs interactive lessons with fun games and speaking practice for a complete learning experience. Also, it offers unique and engaging contextual learning tools that leverage news, sports and entertainment to help learners build their speaking skill. Then, it makes learning seamless & saves data expenses for users as a majority of the application features work offline.

The core teaching in Hello English is extremely clear. The exercises are solid in courses and replicate some of the typical drills. The teachers can choose the specific topic of the course which appropriates to the lesson plan or syllabus. Here, the courses build on one another so the learners are introduced to words and concepts at the right point in the program. There are also explanations for every course which can be easily understood by the users. Interestingly, there is always reward in every course or game played by the users. The reward is coins. The more the users learn English through the application, the more they get the coins.



2.1 Figure of Hello English Application Logo

- 1. Getting Started for Hello English
- Download and install Hello English application in the Play Store of your smartphone.
- Creates an account using your email to 'sign in' as what the instruction asked below and click "OKE".
- Continue and follow the next steps of "creating an account" as follow:

Step 1



The application asked about what language that the users might like to use to learn English. In this study, the teachers and the students may click **Bahasa Indonesia** as the language of instruction.

# Step 2



After that you will see, the form is like a **questionnaire** about the reasons, or motivation, what you want to learn English.

# Step 3



Then you can choose your Profile Photo here.

# 2.3 Speaking

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Speaking is an ability to orally express opinions, thoughts, facts, and feelings to other people, animal and even to one self. According to Nunan (2004) speaking is a productive oral skill which consists of constructing systematic verbal utterance to convey meaning. In slightly different statement, according to Brown (in Muhlisin, 2019) speaking is an interactive process of constructing meaning that involves producing and receiving and processing information. In speaking, the students learn how to organize ideas, arrange sentence, and express language in spoken form with good pronunciation and comprehensible language. They must also learn about how to deliver the meaning of the language according to the context they are speaking. The mastery of speaking skills in English is a priority for many foreign or second language learners. Speaking is a complex skill requiring the simultaneous use of number of different abilities, which often develop at the different rates.

Speaking is a skill which deserves attention every bit as much as literary skills, in both first and second language. It is the skill students are frequently judged. Kurnia, et.al (2017) clarified for what is called as effective speaking as an utterance in a set of voices spoken by someone and understood by someone else. It means that speaking is not as simple as we say something but more than that it is related to the meaning that is constructed so that people can understand what we are saying. Therefore, speaking is somebody's attitude that is uttered eagerly to make an expression for some reasons. Speaking is the presence of communication goal that has to be realized, for instance the speakers want to express wish and desire to do something; negotiate and solve particular problem; or establish and maintain social relationship with others. The ability to produce utterance (utterances) is not enough for being a good speaker because speaking is a complex skill that requires the simultaneous use of a number of different abilities that have to be mastered by language learners in order to be able to express their feelings and ideas appropriately.

Preparing learning to speak English may be not an easy task for teacher because before learners speak in the language, they should have knowledge of a language involving four components;

- (1) Grammatical competence (linguistic competence, narrowly defined pronunciation, syntax and vocabulary)
- (2) Discourse competence about (knowledge of the rules governing the structure of longer text, conversation, etc.)
- (3) Sociolinguistics competence (control of speech and writing style appropriate to different situation, knowledge of rules of politeness)
- (4) Strategic competence (knowledge of copying strategies, which can keep going when language knowledge is still imperfect e.g. how to negotiate or repair misunderstanding)

The quotation above shows that grammatical competence involves the ability of learners to pronounce correct words, to use correct intonation or stress utterances or sentences, to choose and use appropriate vocabulary, etc. Discourse competence is the ability to interpret a series of utterances to understand their meaning as a meaningful unit.

Skill in using a language required knowledge of language. Besides knowing about language, students also must be able to practice the language and used it to communicate. Communication is the main goal of learning a language. Although students had known the

grammar, they must be able to express some utterances in communicate with other people. When students are able to use the language, they can be said that they have a speaking skill.

From those explanations, it can be summarized that by mastering language features and mental or social processing when they want to speak effectively, they are able to show what and how they are feeling, not only they are able to know what expression they have to use appropriately but also they can know how to clarify in order to avoid mistakes between the speaker and the listener, and the most important thing is they can convey the meanings that they are intended.

# 2.4 Assessment of Speaking

Assessment is one of the important things which has an important role in education. Speaking skill is an important part of the curriculum in language teaching, and this makes them an important object of assessment as well. In getting success in speaking, the students have to master vocabulary, fluency, and pronunciation, where it helped the learner in learning the English language, how to convey the information correctly (Effendi, 2017). Hudges (2003) states assessment is formative when teacher used, it is check on the progress of their students, to see how far they have mastered speaking they should have learned, and then use this information to modify their future teaching plans. In short, we can conclude that a teacher can use result of assessment to analyze the material delivered to the students and the instruments that should be repaired. Assessment is held at the end of a unit of study. It is used to measure the understanding degree of the students to the subject.

There are some sort of elements in assessing students' speaking skill:

### 1. Accent

Accent is a way of pronouncing a language. It is therefore impossible to speak without an accent. It is very frustrating for the learners, let say who may good in grammar or have many vocabularies but difficult for being understood by others. So, the learners have to be able pronounce words in a good way.

### Grammar

Grammar is needed for arranging the correct sentence in conversation. Harmer (2007) states that the grammar of the language is the description of the ways in which words can change their forms and can be combined into sentences in that language.

# 3. Vocabulary

Vocabulary means the appropriate diction which is used to express what is in our mind. It deals with the students' knowledge of the meaning of certain words and groups. In developing speaking skill, vocabulary plays an important part because we can only convey messages by using words.

### 4. Fluency

Fluency in speaking is the aim of many language learners. It is about the speed in speaking.

# 5. Comprehension

The word comprehension means understanding. Comprehension can be assessed when the candidate attempts to convey what the visitor is saying, and indeed unless some such device

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is used, it is difficult to obtain sufficient information on candidates' power of comprehension (Hudges, 2003).

Referring to some definition above, speaking is not only making sound by speech organs but ideas and emotions are also taking part in it. It is a complex skill requiring the simultaneous number or different abilities. It can be inferred that speaking is expressing ideas, opinions, or feeling to others by using words or sounds of articulation in order to inform, persuade, and to entertain that can be learn by using some teaching learning methodologies. It can be conclude that speaking is one of productive skill in which it is used to communicate with other.

# 3. Research Methodology

# 3.1 Research Design

This research used experimental research design. It had two groups (experimental and control). The experimental group was the group that receives treatment by using hello english application system and control group did not usedhello english applicationsystem in this research. The design of this research was shown in the following table:

Table 3.1

Design Pre-Test and Post-Test

| No | Group        | Pre-Test | Treatment                   | Post-Test |
|----|--------------|----------|-----------------------------|-----------|
|    |              | V        | Using hello english         | V         |
| 1. | Experimental | V        | application system          | V         |
|    |              | -/       | Without using hello english | ./        |
| 2. | Control      | V        | application system          | ٧         |

### 3.2 Samples/Participants

Remembering the technique of taking samples of this research. Arikunto (2010:102) stated that If the population more than 100 people, the sample can be taken 25%-30% from the number of population. Based on the definition above the researcher take second years class , for 20 students as experimental group and for 20 students as control group. Total sample will be 40 students.

### 3.3 Instruments

According to Suparno (in Muna 2011), the learners of speaking class were tested on fluency, vocabulary, grammar, pronunciation, and content. Hence, the researcher used a test to collect the data on the learners' speaking ability.

# 3.4 Data Analysis Procedures

The analyzing of the data was consisting of quantitative. The quantitative data was analyzed by calculating the mean of pre-test and post-test. The pre-test and post-test showed whether the students' speaking skill improve or not. The pre-test and post-test were formulated by using mean as follow:

$$t = \frac{M_{x} - M_{y}}{\sqrt{\left(\frac{\sum x^{2} + \sum y^{2}}{N_{x} + N_{y} - 2}\right)\left(\frac{1}{N_{x}} + \frac{1}{N_{y}}\right)}}$$

Where:

 $M_x$  = mean of experimental group

 $M_y$  = mean of control group

 $\sum x^2$  = The deviation score of experimental group

 $\sum y^2$  = The deviation score of control group

 $N_y$  = The total sample of control group

 $N_x$  = The total sample of experimental group

# 4. FINDINGS AND DISCUSSION

# 4.1. Findings

As stated at the last chapter that in collecting the data, the researcher used the instrument, it was the essay test. These test namely pre-test and post-test that was conducted to both the experimental and control groups.

The result of pre- test and post- test acquired by students of experimental groups are as follows:

TABLE 4.1

The Score of Pre-Test and Post-Test of Experimental Group

| No  | Initial Name | Score    |           |
|-----|--------------|----------|-----------|
| 110 | Tintial Name | Pre-Test | Post-Test |
| 1   | AF           | 65       | 85        |
| 2   | AMF          | 75       | 90        |
| 3   | A            | 70       | 80        |
| 4   | AF           | 60       | 86        |
| 5   | BA           | 55       | 80        |
| 6   | BP           | 75       | 90        |
| 7   | BMS          | 65       | 85        |
| 8   | BAA          | 50       | 65        |
| 9   | DF           | 80       | 85        |
| 10  | DNK          | 55       | 80        |

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| 11 | DI    | 65   | 95   |
|----|-------|------|------|
| 12 | DS    | 75   | 95   |
| 13 | EDP   | 80   | 90   |
| 14 | ECB   | 75   | 70   |
| 15 | KBS   | 55   | 65   |
| 16 | MRA   | 50   | 60   |
| 17 | NA    | 65   | 95   |
| 18 | NT    | 75   | 90   |
| 19 | PA    | 40   | 85   |
| 20 | PI    | 50   | 75   |
|    | ΓΟΤΑL | 1280 | 1646 |

After applying pre-test and post- test of experimental group, the score were gained. It was obtained that in experimental group the highest score in the pre-test is 80 (2 student) and the post-test 95 (3 students), while the lowest score in the pre- test is 40 (1 student) and the lowest score in post-test 60 (1 student).

TABLE 4.2

The Score of Pre-Test and Post-Test of Control Group

| No  | Initial Name | Score    |           |
|-----|--------------|----------|-----------|
| 110 | Tinuai Name  | Pre-Test | Post-Test |
| 1   | AF           | 45       | 75        |
| 2   | AMF          | 40       | 65        |
| 3   | A            | 50       | 75        |
| 4   | AF           | 40       | 85        |
| 5   | BA           | 55       | 60        |
| 6   | BP           | 60       | 65        |
| 7   | BMS          | 55       | 70        |
| 8   | BAA          | 60       | 65        |
| 9   | DF           | 40       | 70        |
| 10  | DRK          | 35       | 75        |
| 11  | DI           | 35       | 65        |
| 12  | DS           | 60       | 80        |

| 13 | EDP   | 65   | 80   |
|----|-------|------|------|
| 14 | ECB   | 60   | 85   |
| 15 | KBS   | 75   | 80   |
| 16 | MRA   | 70   | 80   |
| 17 | NA    | 65   | 85   |
| 18 | NT    | 50   | 85   |
| 19 | PA    | 45   | 55   |
| 20 | PI    | 25   | 45   |
|    | TOTAL | 1030 | 1445 |

After applying pre-test and post-test of control group, the score were gained. It was obtained that in control group the highest score in pre-test is 75 (1 student) and the post-test 85 (4 students), while the lowest score in the pre- test is 25 (1 student) and the lowest score in post-test 45 (1 student).

TABLE 4.3

DESCRIPTIVES of Experimental and Control

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# Descriptives

|       | Class        |                     |             | Statistic | Std. Error |
|-------|--------------|---------------------|-------------|-----------|------------|
| Score | Control      | Mean                |             | 72.25     | 2.473      |
|       |              | 95% Confidence      | Lower Bound | 67.07     |            |
|       |              | Interval for Mean   | Upper Bound | 77.43     |            |
|       |              | 5% Trimmed Mean     |             | 73.06     |            |
|       |              | Median              |             | 75.00     |            |
|       |              | Variance            |             | 122.303   |            |
|       |              | Std. Deviation      |             | 11.059    | ı          |
|       |              | Minimum             |             | 45        |            |
|       |              | Maximum             |             | 85        | ı          |
|       |              | Range               |             | 40        |            |
|       |              | Interquartile Range |             | 15        |            |
|       |              | Skewness            |             | 802       | .512       |
|       |              | Kurtosis            |             | .295      | .992       |
|       | Experimental | Mean                |             | 83.30     | 2.217      |
|       |              | 95% Confidence      | Lower Bound | 78.66     | l.         |
|       |              | Interval for Mean   | Upper Bound | 87.94     | ļ.         |
|       |              | 5% Trimmed Mean     |             | 83.94     | ı          |
|       |              | Median              |             | 85.00     |            |
|       |              | Variance            |             | 98.326    | l.         |
|       |              | Std. Deviation      |             | 9.916     | ı          |
|       |              | Minimum             |             | 60        | l.         |
|       |              | Maximum             |             | 95        | l.         |
|       |              | Range               |             | 35        |            |
|       |              | Interquartile Range |             | 14        |            |

| Ske | ewness | 960  | .512 |
|-----|--------|------|------|
| Ku  | rtosis | .303 | .992 |

Based on the table of descriptive statistics output table it was explained from each number and word from the experimental and control calculation output are as follows. From the experimental class Mean 83.30 with the lowest average value is 78.66 and the highest average is 87.94, while the mean control class is 72.25. Then the Median which is the midpoint in the experimental class is 85.00 while that in the control class is 75.00. The experimental standard deviation is 9,916 and the control class 11,059 shows the average disperse of the sample.

Skewness is a statistical scale that showed the slope of the data. The was normal when the skewness ratio is in the range of -2 to 2, the results of the experimental assessment show that the skewness values were 0.512 and -0960 means that the data are normal and the control class showed values 0.512 and -0.802 means that both values are normal Meanwhile, kurtosis can be used to determine the value of data loss, kurtosis> 3 is called leptokurtic, kurtosis = 3 is called mesokurtic and <3 is called platykurtic, in both data the value of experimental data is at 0.303 and 0.992 and in control data are 0.295 and 0.992 because both data <3 the data was in platykurtic.

# **Preliminary Analysis**

In the Findings section, summarize the collected data and the analysis performed on those data relevant to the issue that is to follow. The Findings should be clear and concise. It should be written objectively and factually, and without expressing personal opinion. It includes numbers, tables, and figures (e.g., charts and graphs). Number tables and figures consecutively in accordance with their appearance in the text.

Table 1: An example of a table (font size 10pt)

| An example of a heading | Column A (t) | Column B (T) |  |  |  |  |  |
|-------------------------|--------------|--------------|--|--|--|--|--|
| Add an entry            | 1            | 2            |  |  |  |  |  |
| Add an entry            | 1            | 2            |  |  |  |  |  |
| Add an entry            | 1            | 3            |  |  |  |  |  |

### 4.2. Sub Findings

Normality test was tested by using Lilliefors in SPSS V20 in this research. This test is one of the requirements that should be fulfilled by the researcher before conducting the t-test. It aims to know whether the data from two classes are normally distributed or not. The researcher tested each test before and after the treatment. The data is normally distributed if the significance scores of (Asyimp. Sig. 2 tailed) is more than 0.05 or Ltable is higher than Lobserve with the number of sample (n) is 20 for each class. The normality test result can be seen below:

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Table 4.3

The Test of Normality Experimental and Control

Tests of Normality

|       | -                | Kolmo     | ogorov-Sm | irnov <sup>a</sup> | Shapiro-Wilk |    |      |  |
|-------|------------------|-----------|-----------|--------------------|--------------|----|------|--|
|       | Class            | Statistic | df        | Sig.               | Statistic    | df | Sig. |  |
| Score | Control          | .158      | 20        | .200*              | .916         | 20 | .081 |  |
|       | Experimenta<br>I | .218      | 20        | .014               | .900         | 20 | .042 |  |
|       | •                |           |           |                    |              |    |      |  |

a. Lilliefors Significance Correction

Based on the table 4.3 above, it showed that the significance of experimental class data was 0.014. Meanwhile, the significance of controlled class was 0.200. Both of experimental and controlled classes data were much less than the calculation in Kolmogrov-Smirnov table with critical points of 20 =0.238. The significance scores of (Asyimp. Sig. 2 tailed) was also more than 0.05. Thus, it can be concluded that the scores in both experimental and controlled classes were normally distributed.

TABLE 4.4
TEST OF HOMOGENETY OF VARIENCE

| -     | -                                    | Levene    |     |        |      |
|-------|--------------------------------------|-----------|-----|--------|------|
|       |                                      | Statistic | df1 | df2    | Sig. |
| Score | Based on Mean                        | .418      | 1   | 38     | .522 |
|       | Based on Median                      | .443      | 1   | 38     | .510 |
|       | Based on Median and with adjusted df | .443      | 1   | 37.919 | .510 |
|       | Based on trimmed mean                | .461      | 1   | 38     | .501 |

<sup>\*.</sup> This is a lower bound of the true significance.

The table above showed the results of the homogeneity test using the Lavene's Test method. The Lavene value is shows in the Value based on Mean row, which is 0.418 with p value (Sig.) of 0.522 where > 0.05 which means there is a similarity of variance between groups or which means homogeneity.

### T- Test

After normality and homogeneity tests were measured, the researcher calculated the data by using t-test in SPSS V 20. It was done to know the significance difference between experimental and controlled classes. The significance level for the t-test in this research is 5% (0.05). The researcher also used t-test to find out the empirical evidence about the effect of using hello english application system on the students' speaking skill. The researcher processed the data from gained score of experimental and controlled classes. The result of the t-test is presented below:

TABLE 4.5

The Result of T-test from Post-test Score of

Experimental and Controlled Class

Group Statistics

|              | Kelas         | N  | Mean  | Std. Deviation | Std. Error Mean |
|--------------|---------------|----|-------|----------------|-----------------|
| HasilBelajar | Eksperimental | 20 | 72.25 | 11.059         | 2.473           |
|              | Control       | 20 | 83.30 | 9.916          | 2.217           |

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# **Independent Sample Test**

|        | -           | Levene  | e's Test |      |      |         |           |           |         |              |
|--------|-------------|---------|----------|------|------|---------|-----------|-----------|---------|--------------|
|        |             | for Equ | ality of |      |      |         |           |           |         |              |
|        |             | Varia   | nces     |      |      | t-te    | st for Eq | quality o | f Means |              |
|        |             |         |          |      |      |         |           |           | 95%     | Confidence   |
|        |             |         |          |      |      |         |           |           | Inte    | erval of the |
|        |             |         |          |      |      |         |           |           | D       | ifference    |
|        |             |         |          |      |      |         |           | Std.      |         |              |
|        |             |         |          |      |      | Sig.    | Mean      | Error     |         |              |
|        |             |         |          |      |      | (2-     | Differe   | Differe   |         |              |
|        |             | F       | Sig.     | t    | df   | tailed) | nce       | nce       | Lower   | Upper        |
| HasilB | Equal       | .418    | .522     | -    | 38   | .002    | _         | 3.321     | -       | -4.326       |
| elajar | variances   |         |          | 3.32 |      |         | 11.050    |           | 17.774  |              |
|        | assumed     |         |          | 7    |      |         |           |           |         |              |
|        | Equal       |         |          | _    | 37.5 | .002    | -         | 3.321     | -       | -4.324       |
|        | variances   |         |          | 3.32 | 56   |         | 11.050    |           | 17.776  |              |
|        | not assumed |         |          | 7    |      |         |           |           |         |              |

Based on the output table "Group statistics" above it is known that the amount of data from the experimental class is 20 students and controls 20 students. The mean value or mean for the experimental class was 83.30, while for the control class was 72.25. Thus in descriptive statistics it can be concluded that there are differences in average student learning outcomes between the experimental and control classes.

In order to know the result of the research, the researcher used statistical hypothesis test with the criteria as follows:

- If the Sig. (2-tailed)> 0.05 then Ho is accepted and Ha is rejected, which means there is no difference in average student learning outcomes between the experimental and control groups
- If the Sig. (2-tailed) <0.05 then Ho is rejected and Ha is accepted, which means there is a difference in average student learning outcomes between experimental and control

Based on the t-test counting in experimental and controlled classes, it was found that the t observe = 3,327 > t table= 2,024 and the Sig. (2-tailed) is 0.002 < 0.05. To summarize, it can be drawn that t observe > t table and the Sig. (2-tailed) < 0.05. Therefore, the Ha is accepted which means the Hello English application is effective on the students' speaking skill.

### 4. 2. Discussion

Based on the above findings, this shows that there is a significant effect of the use of a digital system based on the Hello English application on the English proficiency of students in tengrade Smk Negeri 1 Beringin. It was proven from the score of the experimental class students who had better performance than the scores of students in the controlled class in conducting the post-test. Whereas the pre-test scores of students in both the experimental and controlled classes had almost the same level of speaking ability of students before the treatment. Thus, this shows a significant difference between students who are taught using the Hello English application and students who are not. The results of this study are related to what Rahmawati and friends found that the Hello English application increased the competency of young students in learning vocabulary and Vasselinov and Gergo (in Fitriani 2018) that Hello English had a significant effect on students' oral proficiency in 10 to 12. grades. Based on two related studies, this further research has proven that Hello English can also be effective for teaching English in speaking skills in eighth grade students of junior high school. Like the research conducted by Kusumadewi and Muddin (2018) who both observed other mobile game applications (Duolingo) on students' vocabulary mastery, this study also had the same results as them even researchers used different mobile game applications (Hello English) where there is a significant effect of using Hello English and Duolingo on students' vocabulary mastery.

The researcher found that students had no difficulty operating mobile devices and understanding how the game worked. That is because mobile devices are closely related to student life. As national policies support teachers in Indonesia that they do not always depend on the use osf blackboards to support their teaching and learning process, the use of online games can also support their teaching and learning process. Because of the above conditions, researchers found that students were easy to actively participate in games that had made them use language and therefore learned it. This condition proves what is believed about the game as a conceptual model that works in all formal learning contexts. As the final conclusion of this research, it is evident that there is a significant influence of the use of the Hello English application on the speaking ability of students at the tenth level of Senior High Schoolstudents as new and creative media in the teaching and learning process.

# 5. Discussion

# 5.1. Conclusion

Based on the finding and discussion obtained in this research, the researcher concluded that the Hello English application was effective in students' speaking skill. This is indicated by data analysis that to is higher than t table at the 5% significance level (3.327> 2.024). In addition, it can also be seen from the comparison between the mean scores obtained in the experimental class that is 83.30 while in the control class the average score obtained is only 72.25. Therefore, Ha (Alternative Hypothesis) is accepted which means there is a significant effect of the Hello English application on students' speaking skill. In addition, it was found that the effect of using hello English system on the students' speaking abilities was strong. It can be concluded that the research question has been answered and proven Hello English application has succeeded in improving the speaking ability of students in ten grade SMK Negeri 1Beringin.

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It was also found that digital usage with the Hello English application can be a center for language teacher techniques in learning English because of intense and meaningful language practice. In this game, students also do a lot of unconscious speaking skills in class because they think they are playing a game in Hello English. It shows that students are easy to actively participate in games that had made them used language and therefore learn it.

# 5.2. Suggestions

Based on the result of the research, the researcher presents some suggestions for the students, teachers and other researchers. Fist, Students must find out their own motivation to learn English. There are a lot of current media to support their English learning. Hello English is merely one of them. By applying Hello English application, they can be more active in the process of teaching and learning at the classroom. They felt fun and enjoy which unconsciously they had increased their speaking skill. Second, as the English teachers, theyshould be able tofind out creative and current media which is close to the students' world because students today are different with students tomorrow. As the use of Hello English application, it was found that Hello English can be one of the effective media. Therefore, the researcher suggests the English teachers to try to implement this application in their classroom.

For other researchers who are interested in the same field, they can try to apply Hello English application on the different level of learners through different topic of learning to prove the effect of Digital System on the Students' Speaking Skill. They can also try to conduct further research in another skill of English the researcher found that this application also affect, other skills in English such as vocabulary and listening.

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