

Fluent in English with Social Media Platforms during the Covid-19 Pandemic

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Abstract:

This study is conducted to provide a very enjoyable teaching reference in order to improve English learning outcomes, especially in the speaking skills of English Department students at Universitas Muhammadiyah Lampung. The purpose of this study is to provide a fun learning solution through the social media platform Instagram so that students can be motivated to continue to carry out distance learning during the COVID-19 pandemic so that there is an increase in learning outcomes to speak. This study puts forward a quantitative approach using the Quasi Experimental design method. The steps taken include: 1) giving a pre-test several times; 2) provide treatment; 3) give a post-test several times. This research shows that Instagram can be an effective speaking learning media. This is evidenced by the acceptance of H_a in this study. Learning English during the pandemic is indeed a challenge for teachers and students. The boredom of studying at home is one of the causes of decreased learning achievement. The use of social media can be a solution to this problem. Instagram can be used as a fun learning medium. Instagram provides learning motivation for students. By using this social media, students' desire to learn increases. They can play while doing the teaching and learning process, especially learning English.

Keywords: *Speaking, Social Media Platform, Instagram*

1. INTRODUCTION

English is an international language that must be mastered, because it plays an important role in developing human resources to be able to compete in the global market (Satriawati, 2019). Mastery of English becomes difficult considering the position of English as a foreign language, especially in learning speaking skill which are commonly practiced in the classroom but now must be online.

The decline in interest and motivation to learn during the Covid-19 pandemic has an impact on English learning outcomes, especially speaking skill. The feeling of boredom through out online learning process at home for long term makes many students

become depressed. Kompas TV reported that a student was desperate to end his life in Bontotene Hamlet, Goa Regency (17/10/2020) allegedly because of depression due to online learning which was very burdensome.

The decline in student interest and motivation during the pandemic is an important concern. Student boredom is one of the main triggers. In teaching and learning languages, especially English, one of the main language skills that need to be mastered is speaking (Enis, 2018). During the pandemic, students learn independently to do the assignments that must be collected every week. This routine of course makes them bored. In speaking skill, fun ESP

Speaking learning should be created, so that students can learn Speaking ESP and are able to master the material easily (Lapele, 2019).

This needs to be addressed immediately because speaking skills must be mastered by students (Omar, 2014). Learning speaking includes understanding the lecture material, the purpose of conveying the material and understanding 'character' (Wrench, 2012). For this reason, the researcher describes each problem presented by using a strategy that is friendlier to the millennial generation. The strategy is the use of the social media platform, Instagram. Digital platforms have many benefits, especially during the Covid-19 pandemic (Kusuma, Kusumawati, 2020). In this pandemic period, a breakthrough is indeed needed so that students are able to learn through a fun online system. Therefore, the digital platform is one of the key to solve pandemic education problems (Lestari, 2020). Instagram is a social media that can be used by everyone around the world to make friends, including native English speakers from America, England and Australia, so there are great opportunities for students to learn directly with native speakers. Instagram is very close to the millennial generation. Almost every day they open this application, even every time. Thus the research was formulated to examine online speaking learning strategies which aim to enable students to practice speaking directly with native speakers. In addition, learning activities can be funnier for Instagram is students' favorite.

Technology has an influence on all aspects of education including students (Euis dan Baron, 2019). The Covid-19 pandemic that has hit the world, including Indonesia, has also has an impact on the education aspect (Seriyani dan Sukmawati, 2019). This situation causes many obstacles in speaking learning process, therefore a strategy is needed as problem solution. The social media platform, Instagram, is chosen

because students can learn in relax and not boring.

The relationship between technology-based speaking learning has been discussed in previous studies. The first research entitled *Pengembangan Media Pembelajaran Speaking Berbasis Teknologi Virtual Reality pada Mahasiswa IKIP Budi Utomo Malang*. Developing learning media by involving virtual reality technology is the main goal of this research. This finding is used as a reference in the teaching and learning process, especially in teaching speaking. Many obstacles faced by students in mastering speaking skills such as anxiety, nervousness, fear, and stage fright are the factors in the research. As a prospective teacher who ultimately has to work in schools and in the community, good speaking skills are an absolute requirement for students of IKIP Budi Utomo Malang. In addition, the importance of mastering these skills is a requirement for students to pass the thesis exam. VR-based technology was chosen because this technology is able to bring the real world into the virtual world, therefore it is very possible for students to utilize this learning media in large public forum courses in the virtual world. Furthermore, training with this media is believed to reduce or even eliminate nervousness, stage fright and other similar problems.

Chairunnisa, S., & Kasriyati, D. (2021) conducted a research about students' perceptions of using digital product in English class activities, the findings in research show that the students' perceptions of using digital products in terms of "Convenience" are at the highest level.

Other research also discusses learning with social media, *Media Sosial dan Pembelajaran Studi Efektivitas Penggunaan Instagram dalam Pembelajaran Bahasa Inggris* (Euis and Baron, 2019). The research is a study of the effectiveness of Instagram to improve students' ability to speak English. This research is a classroom action research.

Data were collected from observations, documentation, and tests. The results shows that: 1) the process of learning to write descriptive English using Instagram is more varied and fun, and 2) there is an increase in the ability to write descriptive English marked by an increase in test results. Thus, it can be concluded that Instagram can be used to improve learning outcomes in learning English. In contrast to previous studies, this study focuses more on improving speaking skills using Instagram for students of the English Department of UM Lampung.

Nasser (2014) states that speaking is thinking about what to say, choosing the right words from our vocabulary, placing the words in the right grammatical framework, communicating the feelings we have, and so on. At one level, however, speaking produces movement: movement of the ribs, vocal cords, and mouth. To perform this movement, we must control the activity of about 100 muscles. One thing about stuttering is very clear: when instability occurs, the individual who stutters is unable to precisely control the activity of the many muscles involved in speech.

This is reinforced by the British Council report (1998:43) which states that more than two billion people use English to communicate. Some people often assume that the ability to express a language is a product of learning the language. It seems that the use of the right technique really does improve the learning outcomes of speaking. They consider that speaking is an important part of the language learning process. Many language learners consider speaking ability as a measure of language knowledge. That is why the main goal of language learning is to develop speaking skills. Meanwhile, in Muawiyah (2011:13), Fulcher provides a broad explanation which is summarized in 5 factors in speaking:

1) Pronunciation

This includes segmental features, vowels, consonants, and standing intonation

patterns. Speakers should apply it properly and correctly;

2) Vocabulary

Vocabulary is very important but it is the first thing to consider if speaking occurs at a very early stage. Vocabulary is the total number of words, which make up a language;

3) Grammar

Grammar is the rules in spoken language and written language. In the appearance of speaking, sometimes speakers and listeners do not care about the grammar itself. However, this time the author does not discuss grammar so far;

4) Fluency

This shows that the community is able to communicate well. A person can be said to be fluent if he needs some criteria or categories, can pronounce words fluently and knows what will be said later;

5) Understanding

It means the act of thought or the understanding of the power described in the current Oxford Advanced Learner's English dictionary (2019). In speaking, the speaker and listener must have a good understanding, so the conversation certainly requires the subject to respond to the speech and initiate it. One of the things that can be developed by speaking English is eliminating extra words. The words used must be used in the right situation, with the appropriate meaning.

In the <https://is.co.id/instagram/> website accessed on March 30, 2021 at 13.24 WIB, Instagram is described as a social media application based on Android for smartphones, iOS for iPhone, Blackberry, Windows Phone and now it can also be run on computer. Generally use Instagram to share photos or videos. This principle tends to differ from other social media applications where the use of words or public status is at the forefront. As with other social media apps, you can find lots of friends on Instagram using the term Follow. Instagram is a social media that is loved by

many people. Its use is very diverse, ranging from children to adults.

Initially, the Instagram application was still called Burbn which was founded by a company called Burbn Inc. and was led in 2010 by two CEOs Mike Krieger and Kevin Systrom. Burbn Inc. is a startup company engaged in mobile application development. Initially, this application can only be used by the iPhone only and has too many features, but in the end Mike Krieger and Kevin Systrom cut it down in sharing applications, comments and preferences.

In general, Instagram's features are considered to be limited to social interaction, sharing of photos and videos, and increasing popularity of many friends or followers.

This is of course the main function of any social media application. It was previously stated that Instagram-specific interactions could be through sharing photos or videos and sending messages (DM). There is also a live recording feature or the popular Insta Story feature, which makes it possible to share their activities via live video while interacting with friends who are watching it.

Users use Instagram for various knowledge and information, both health, tourist destination information, clear or mysterious information, and so on. Using videos can also be used to share tutorials, although time is limited.

With various features provided by Instagram, researchers use these features as a medium for teaching speaking to improve the speaking skills of students majoring in English at UM Lampung. The learning is intended so that students become fluent in English with online-based learning methods during the Covid-19 pandemic.

2. METHOD

This study is experimental research. A

Table 1. Treatment to Research Subject

Group	Pre-test	Treatment	Post-test
Experimental Group	O1	XI	O2

researcher uses experimental research when they want to see the possibility of cause and

Times Series Design

O1	O2	O3	O4	O5	X	O6	O7	O8	O9	O10
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effect between the independent variable and the dependent variable (Assidiqi dan Sumarni, 2020). This study uses the Times Series Design which is a design from Quasi Experimental research.

The treatment was given in several stages until there was a significant increase in the research subjects.

This study involved 24 students majoring in English at UM Lampung as research subjects.

Research data were collected by applying pre-test, treatment and post-test. The instruments that will be used are pre-test and post-test. The pre-test was carried out before giving the treatment. This test aims to determine the extent of students' speaking ability before giving treatment. The post-test is given after the implementation of the learning process through various Instagram features. The post-test was conducted several times to determine the stability of the research subjects.

The study uses the mean and standard deviation and in the process of analyzing the research inference, the researcher uses parametric statistics as a tool to test population parameters. This research will use pooled variance t-test. The formula that will be used to calculate the mean value is

$$Me = \frac{\sum f i . x i}{\sum f i}$$

Then to calculate the standard deviation, the formula to be used is

$$SD = \sqrt{\frac{\sum (f \cdot x^2)}{n(n-1)}}$$

The treatment of learning speaking is given to the respondents of this study. The design of this study used only one group, without using a control group. The level of readiness of this study is TKT 2.

The treatment is given in several stages until there is a significant increase in the subjects. The subjects of this study are 24 students of the English Department of UM Lampung. The instruments used are pre-test and post-test. Pre-test is carried out before giving treatment. This test aims to determine the extent of students' speaking ability before giving treatment. The post-test is given after the implementation of the learning process through various Instagram features. The post-test is conducted several times to determine the stability of the subjects.

The study uses the mean and standard deviation and in the process of analyzing the research inference, the researcher uses parametric statistics as a tool to test population parameters. This study uses pooled variance t-test.

$$F = \frac{f_h}{\frac{\sum (f \cdot x^2)}{n(n-1)}}$$

If $t_{count} \leq t_{table}$, means H_0 is rejected and H_a is accepted with requirements of

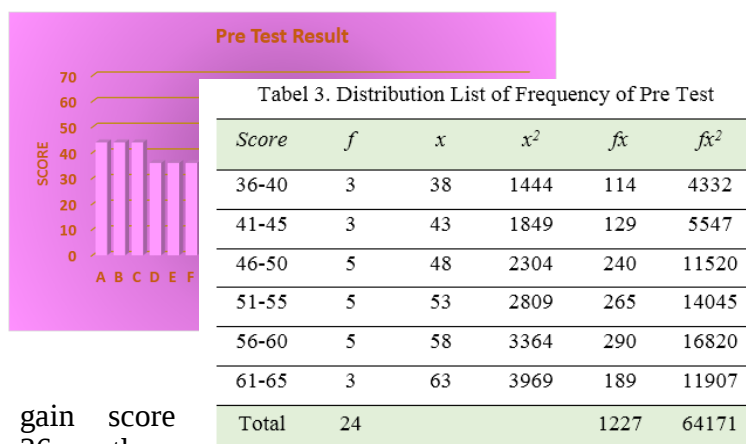
H_0 : The use of Instagram for students cannot improve speaking skills

H_a : The use of Instagram for students can improve speaking skills.

3. FINDINGS AND DISCUSSION

3.1 Pre Test Results

The results of the pretest shows that the respondent's speaking ability is still below the adequacy rate. A total of three people



gain score 36, three

people gain score 44, five people gain score 48, five people gain score 52, five people gain score 58, two people gain score 60 and a number of two people gain score 64.

Table 2. Pre Test Result

No	Name	Score
1	A	44
2	B	44
3	C	44
4	D	36
5	E	36
6	F	36
7	G	56
8	H	56
9	I	52
10	J	52
11	K	48
12	L	52
13	M	48
14	N	52
15	O	48
16	P	52
17	Q	48
18	R	48
19	S	64
20	T	64
21	U	64
22	V	60
23	W	58
24	X	60

Pre Test Calculation Result

N = 24

Max = 64

Min = 36

R = 64-36

= 28

K = $1 + 3,3 \log n$

= $1 + 3,3 \log 24$

$$\begin{aligned}
 &= 1+3,3 (1,3802) \\
 &= 1+4,554 \\
 &= 5,554 \text{ rounded up } 6 \\
 P &= R/K \\
 P &= 28/6 = 4,66 \text{ rounded up } 5 \\
 &\text{Standard Deviation}
 \end{aligned}$$

$$S = \sqrt{\frac{n \cdot \sum f \cdot x_1^2 - (\sum f \cdot x_1)^2}{n(n-1)}}$$

$$S = \sqrt{\frac{24 \cdot 64171 - (1227)^2}{24(24-1)}}$$

$$S = \sqrt{\frac{34575}{552}}$$

$$\bar{x} = \frac{\sum f \cdot x}{\sum f} = \frac{1227}{24} = 51,12$$

$$S = \sqrt{62,63}$$

$$S = 7,91$$

Tabel 4. Distribution dan Frequency

X_i	Z	Z_i	L	E_i	O_i
35,5	-1,97	0,4756	0,0657	1,5768	3
40,5	-1,34	0,4099	0,1488	3,5712	3
45,5	-0,71	0,2611	0,2292	5,5008	5
50,5	-0,08	0,0319	0,2407	5,7768	5
55,5	0,55	0,2088	0,1723	4,1352	5
60,5	1,18	0,3811	0,0845	2,028	3
65,5	1,82	0,4656			

$$\chi^2_{hit} = \sum_{i=1}^k \frac{(O_i - E_i)^2}{E_i}$$

$$X = \frac{(3-1,5768)^2}{1,5768} + \frac{(3-3,5712)^2}{3,5712} + \frac{(5-5,5008)^2}{5,5008} + \frac{(5-5,7768)^2}{5,7768} +$$

$$= \frac{(5-4,1352)^2}{4,1352} + \frac{(3-2,028)^2}{2,028}$$

$$X = 1,28 + 0,09 + 0,05 + 0,10 + 0,18 + 0,47$$

$$X = 2,17$$

Pre Test Criteria

H_0 is rejected if $\chi^2_{ratio} \leq \chi^2(1-\alpha)(k-3)$

Significance level 5% ($\alpha = 0.05$) scored:

$$\chi^2_{daf} = \chi^2_{(1-\alpha),(K-3)}$$

$$= \chi^2_{(1-0,05),(6-3)}$$

$$= \chi^2_{(0,95),(3)}$$

$$= 7.81$$

Significance level 1% ($\alpha = 0.01$) scored:

$$\chi^2_{daf} = \chi^2_{(1-\alpha),(K-3)}$$

$$= \chi^2_{(1-0,01),(6-3)}$$

$$= \chi^2_{(0,99),(3)}$$

$$= 11.3$$

The significance rates are 0.05 and 0.01 for $\chi^2_{ratio} \leq \chi^2_{df}$. Therefore, H_a is accepted, sample of population in normal distribution.

3.2 Speaking Practice Treatment

After the pre-test is done, the next step is giving treatment or a treatment in the form of speaking practice with a topic in the form of a simple monologue in the language they usually use in everyday life. They had to make a monologue in English and broadcast it live on Instagram Live/Feed and then watched by other friends. So that his friends listen and get new vocabularies from the speakers.



Lihat Insight

Promosikan Postingan



sastraininggris_uumlampung Please choose one of the names below and give your opinion orally and loudly! You can start in giving opinion with using the words "my opinion..." in my opinion of view...

Figure 1. Topic of Speaking Practice

Quotation

Justin Bieber is a good singer. He is very handsome and has so many fans around the world. Justin is a Canadian singer. He has won a Grammy A Grammy Music Award. He is also has been listed numerous times by Forbes magazine among the Top Ten Most Powerful Celebrities in The World

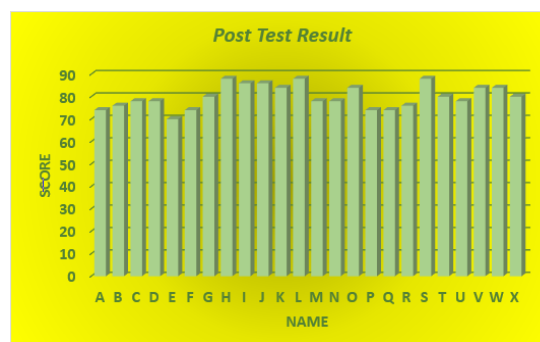
3.3 Treatment Result

Of the several treatment, the students' scores are as following.

Tabel 5. Speaking Treatment Result

No	Name	Total		
		Treatment 1 Score	Treatment 2 Score	Treatment 3 Score
1	A	52	60	72
2	B	48	58	72
3	C	48	52	76
4	D	48	52	76
5	E	40	44	68
6	F	40	44	70
7	G	60	64	78
8	H	60	64	88
9	I	56	60	84
10	J	56	60	84
11	K	56	60	84
12	L	56	60	84
13	M	56	60	74
14	N	56	60	74
15	O	52	56	80
16	P	52	56	70
17	Q	52	56	70
18	R	52	56	70
19	S	68	72	86
20	T	68	72	78
21	U	68	72	76
22	V	64	68	82
23	W	64	68	82
24	X	60	64	78

3.4 Post Test Result



Graph 2. Post Test Result

The last step is a post test which is used to determine the difference between the respondents' English speaking ability before and after being given treatment. The final results of the post test are used to ensure the improvement of the subject's speaking ability.

Table 6. Post Test Result

No	Name	Score
1	A	74
2	B	76
3	C	78
4	D	78
5	E	70
6	F	74
7	G	80
8	H	88
9	I	86
10	J	86
11	K	84
12	L	88
13	M	78
14	N	78
15	O	84
16	P	74
17	Q	74
18	R	76
19	S	88
20	T	80
21	U	78
22	V	84
23	W	84
24	X	80

Post Test Calculation Result

$$\begin{aligned}
 N &= 24 \\
 \text{Max} &= 88 \\
 \text{Min} &= 70 \\
 R &= 80-70 \\
 &= 10
 \end{aligned}$$

Of the table below, it can be concluded that there is an increase in speaking ability before and after treatment. This is evidenced by the increase in scores between the pre-test and post-test.

The data population has been proven to be normally distributed, so the researchers also tested the homogeneity of variance of the two samples with the following hypothesis formula:

Ho : $\sigma_1^2 = \sigma_2^2$ Both samples have the same variance

H1 : $\sigma_1^2 \neq \sigma_2^2$ The two samples have different variances

Table 7. Gain of Pre Test dan Post Test

No	Nama siswa	Nilai		Gain	Notes
		Pre Test	Post Test		
1	A	44	74	30	Improved
2	B	44	76	32	Improved
3	C	44	78	34	Improved
4	D	36	78	42	Improved
5	E	36	70	34	Improved
6	F	36	74	38	Improved
7	G	56	80	24	Improved
8	H	56	88	32	Improved
9	I	52	86	34	Improved
10	J	52	86	34	Improved
11	K	48	84	36	Improved
12	L	52	88	36	Improved
13	M	48	78	30	Improved
14	N	52	78	26	Improved
15	O	48	84	40	Improved
16	P	52	74	22	Improved
17	Q	48	74	26	Improved
18	R	48	76	28	Improved
19	S	64	88	24	Improved
20	T	64	80	24	Improved
21	U	64	78	14	Improved
22	V	60	84	24	Improved
23	W	58	84	26	Improved
24	X	60	80	20	Improved

The statistical formula to be used is as follows:

F = "Highest Variance" / "Least Variance"

Of the above calculations obtained as follows:

The highest variance is the standard deviation of the experimental class ($S_1^2 = 55.79$)

The smallest variance is the standard deviation of the control class ($S_2^2 = 52.71$)

F = "Highest Variance" / "Least Variance"

F = 55,79/52,71

F = 1,05

Test Criteria:

Ho is rejected if with $V1 = n1-1$ and $n2 - 1$ also takes the significance level of 0.05 and 0.01

For = 0.05 obtained fdf = $f1/2.05$ (23.23)
= 2.05

For = 0.01 obtained fdf = $f1/2.0.01$ (23.23)
= 2.78

It turns out that at the 0.05 and 0.01 levels, the fraction < fdf is obtained, so that Ha is accepted and it means that the sample has an equation of variance.

Hypothesis Test Results

Ho is rejected if tcount > ttable

ttable = $(1 - 1/2\alpha)$ (df)

df = $n1 + n2$ (df)

= 24 + 24 - 2

= 46

By looking at the T table, the value = 1% is obtained

ttable t = $(1 - .0, 01)$ (46)

t = (0.995) (46)

t = 2.69

Based on the data analysis above, it is known that tcount = 3.71 and ttable = 2.69. So, Ho was rejected. And Ha accepted.

Ho is rejected if tcount > ttable

ttable = $(1 - 1/2\alpha)$ (df)

df = $n1 + n2$ (df)

= 24 + 24 - 2

= 46

By looking at the table we get the value = 5%

ttable t = $(1 - 0.025)$ (46)

t = (0.975) (46)

t = 2.01

The results showed that t = 3, 71, besides that the researchers saw t table = 5%, t table = 2.01. It means ttest < ttable. So, Ho is rejected and Ha is accepted. Based on the above analysis, the speaking ability of students majoring in English at UM

Lampung increased after being given several treatments. From the calculations above, it can be seen that the significance level is 0.05 and 0.01 in fact $x^2_{ratio} \leq x^2_{df}$, so the hypothesis H_a is accepted, meaning that the sample comes from a normally distributed population.

4. CONCLUSION

This research shows that Instagram can be an effective speaking learning media. Learning English during the Covid-19 pandemic is a challenge for teachers and students. The boredom of studying at home is one of the causes of decreased learning achievement. The use of social media can be a solution to this problem. Instagram social media can be used as a fun learning medium. By using social media Instagram, students' speaking abilities increase, due to the fun they get during the lecture process - playing while doing the teaching and learning process.

By providing several exercises using social media applications, it was able to improve students' speaking skills without having to force them to carry out conventional learning processes. From the results of the pre-test and post-test, it can be concluded that there was a significant increase in the speaking skills of the students with a value of $t = 3.71$, so that social media was considered sufficient to contribute to learning styles in the midst of the times and technology, especially to the millennial generation who are close with devices and technology.

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