

## The Effect Of Zoom Technology In Use To Enhance Students' Capability Of English Speaking

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### Abstrak

Menerapkan program berbasis multimedia dalam mengajar kelas berbicara bahasa Inggris dapat memberi siswa sumber daya yang berharga untuk melengkapi studi dan meningkatkan keterampilan kefasihan berbicara. Dewasa ini, perkembangan pengetahuan pembelajar dalam bahasa kedua dan pengetahuan ilmiah tidak lepas dari berbagai fasilitas dan metode pengajaran yang digunakan dalam mendukung kegiatan berbicara. Pengenalan teknologi sejak dini telah mendorong banyak orang secara tidak sadar belajar tentang apa saja terutama bahasa Inggris sebagai salah satu fraces bahasa lain. Untuk mengadaptasi banyak metode dan teknik yang ditawarkan oleh peneliti, teknologi aplikasi zoom hadir untuk mengakomodasi metode untuk mencapai metode fashion baru yang terintegrasi. Akibatnya, ketika siswa diberi beberapa kuesioner untuk menjawab seberapa sering mereka menggunakan teknologi aplikasi zoom yang mempengaruhi kemampuan berbicara mereka. Tanggapan siswa berdasarkan analisis SPSS menunjukkan bahwa signifikansi penggunaan teknologi zoom berdampak pada kemampuan berbicara siswa.

**Kata Kunci:** Teknologi Zoom, Kemampuan Berbicara



### Abstract

Applying multimedia-based programs in teaching English speaking classes can provide the students with valuable resources to complement studies and enhance speaking fluency skills. Recently, the development of learners' knowledge in second language and scientific knowledge are not aside from any facilities and teaching method used in supporting speaking activities. The introduction of technology from early stage has driven many people unconsciously study about anything especially English as one of the other languages fraces. To adapt many methods and techniques offered by the researcher, zoom application technology attends to accommodate the methods to achieve new integrated fashion methods. As result, when the students were given some questionnaire to answer how often they use zoom application technology which affects their speaking ability. The students' response based on SPSS analyzed shows that the significance of zoom technology in use has impact on students' speaking ability.

**Keyword:** *Zoom technology, Speaking ability*

### INTRODUCTION

Communication intensively occurs in the whole activity as a medium of transformation of ideas or thoughts in terms of spoken or written language. The global status and function of English as foreign language claims English as one of the first language routinely applied in communication in many countries especially Indonesian(Kertawijaya, 2017). Speaking is an interative process to transper any kind of the ideas to the interlocutor. It has been well known that using multimedia-based programs in teaching English speaking classes can provide the

students with valuable resources to complement their studies and enhance their speaking fluency skills. Learners may have access to technology in educational settings in two distinct ways: learning from and learning with technology (Reeves, 1998). Inevitably, the introduction of multimedia, mobile technologies, and the advent of the Internet drive many students to fill out their numerous of the time through searching, browsing and chatting on the internet. Speaking which is “the use of oral language to interact directly and immediately with others”(Butler et al., 2000). speaking is to say words orally, to communicate as by talking, to make a request, and to make a speech (Nunan, 1995) ). Having communication language learning in social practices, not only just for motivation and relevance (Kenning, 2007) calls for embedding language learning in social practices, not only for the sake of motivation and relevance, but “in order to capitalize on student experience in the world outside”. Having capability of productive skill can be useful for working with in terms of communication among the speakers in the world(Hafiz et al., 2021). speaking is the process of making and sharing meaning by using verbal and non-verbal symbols in different contexts (Chaney & Burk, 1998). According to (Brown, 1994) defined speaking as an interactive process of making meaning that includes producing, receiving, and processing information.

(Bygate, 1987) defined speaking as the production of auditory signals to produce different verbal responses in listeners. It is regarded as combining sounds systematically to form meaningful sentences (Florez, 1999). The development of technology gives positive effect for human life especially for the students on the successful of teaching and learning process. On the other hand, learners, in a learning with technology method, are “no longer solely taking the information, but are also contributing to the knowledge base” (Hill et al., 2013). Today, the development of learners’ knowledge in second language and scientific knowledge are not aside from any facilities and teaching method used in supporting their speaking activities. As (Thorne & Reinhardt, 2008) point out, “emerging literacies associated with digital media are highly relevant to their current and future lives as language users” The teacher and students can easily access any handbooks, tasks and event speaking method that will be used to develop their speaking skill. The use of technology in teaching learning process also gives more chance for the teacher and students to give presentation to their students or conversely, although they have not to attend the classroom. “With the immerging new technologies, the teaching profession is evolving from an emphasis on teacher-centered, lecture-based instruction to students-center, interactive learning environments”(Daniel, 2002). (Hafiz et al., 2016) also emphasizes that to build up students learning, teachers should select good activities which can waste teachers’ and students’ time to create interesting and fun strategies in promoting speaking in the EFL classroom.

### **The role of technology in teaching English speaking**

The use of technology as a life style and necessities of life have massively affected in education system. The introduction of technology from early stage has driven many people unconsciously study about anything especially English as one of the other languages fracas. Yet we do not fully know how learners and/or teachers can optimally understand and harness strategies in technology-enhanced, innovative language learning (Becker et al., 2016). In teaching and learning process the tendencies on using technology in education system has create period of transition on the teacher-centered to students-centered, where the students take more participate in or out of classroom activity by writing message, reading text and speaking through video call. It gives learners more opportunities to cooperate with their peers leading to learning from each other.(Costley, 2014). Given the use of technology for the world of education has become an inseparable part, therefore the concept of learning in higher education is inseparable from technological assistance (Williams et al., 2015).“Digital public’ to make education participatory and emancipator process” (Anderson et al., 2006). The students actually should be given more chance to express their ideas by having communication in English, ‘technology can be used as a tool for performing meaningful projects to engage learners in critical thinking and problem solving” (Kurt, 2010). Technology attends to accommodate the methods to achieve new integrated fashion method. Social

media has allowed the teacher and students to interact and share their ideas actively, “the ability to read, write, and communicate effectively over computer networks will be essential for success in almost every sphere of life” (Warschauer & Whittaker, 1997). Communication which is conducted regularly through social media will also develop self the learners’ confidence and motivation to express their burial knowledge.

### **The use of technology in teaching English speaking**

The innovations of English teaching methods through technology have given the satisfaction for both teacher and students with good result. It is fair recognize that the growth of technology has facilitated the way to communicate with English easier, many literatures like hand book, module, lesson plan will be access freely. Another most important of technology in teaching English speaking both the teacher and student may use distance learning where it can help them to finish their subject or to submit any task quickly. In addition, the Internet can provide media-rich environments such as digital video (Garrison, 2001). Conventional teaching learning process through technology solves the limitation of place, time and complicate communication among them. Online learning often requires learners to be self-directed and engaged (Delen et al., 2014). Some Online learning can be used such as computers and mobile phones which will help learners to short cut the time and cost in traditional learning system. While learning language in action, learners need access to others as well as to information, feedback, and help systems which can be provided through the appropriate software (Hoven, 1999)

### **Zoom Aplication**

The rapid development of techology in globalization era has chang the way in Learning system The termination of face-to-face learning activities is transferred to distance learning by utilizing technology connected to the internet. The social aspect of learning has been integrated with a combination of collaborative knowledge building and technology. One of the technologies often used today is the online video conference application via Zoom Meeting. Zoom is a cloud-based video conferencing service that you can use to virtually meet with others either by video or audio (Chawla, 2020). Conversing or chatting through video conference could give language learners some cues as to what their conversation partners are talking about through their body language, facial expressions and nods (Wang, 2004). This application can make learners can no longer play the role of passive recipients of information, but be more as active participants in the process of developing their own expertise through selecting the words, deconstructing body gesture, building and creating knowledge and new meanings together with their interlocutors.

## **METHOD**

The participants of this study were the students of second semester at faculty of engineering which were selected through random sampling. The method of this research is implemented in quantitative method, the instruments were used in collecting the data namely questionnaire. The questionnaire which is used in this study was about the students’ frequency using zoom. The students were asked to rate themselves based on five point Likert scale ranging 5 (always), 4 (very often) 3 (often) 2 (almost never) 1 (never), While quantitative was acquired through speaking process.

## **RESULT AND DISCUSSION**

### **Questionnaire Data**

After the students answer the questionnaire, the students’ responses then will be analyzed by SPSS software and those can be seen in following table:

**Variables Entered/Removed**

Model	Variables Entered	Variables Removed	Method
1	zoom technology		. Enter

- a. All requested variables entered.
- b. Dependent Variable: speaking ability

The method is used in this study is enter method where Zoom technology as independent variable and speaking as dependent variable.

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.740 <sup>a</sup>	.548	.533	2.52698

- a. Predictors: (Constant), technology

This table shows that the correlation value (R) is 0.743. This output is from coefficient determination 0.548 which means that the effect of independent variable (Zoom technology) to dependent variable (speaking ability) is 51.8%

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	231.931	1	231.931	36.321	.000 <sup>a</sup>
	Residual	191.569	30	6.386		
	Total	423.500	31			

- a. Predictors: (Constant), Zoom technology
- b. Dependent Variable: speaking ability

From this output we know that F count is 36.321 with the level significant about  $0.000 < 0.05$ , so regression model can be used to predict variable participation or another word that variable independent (X) affect the students' English capability (Y)

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	46.921	4.619		10.159	.000
	Zoom technology	.363	.060	.740	6.027	.000

- a. Dependent Variable: speaking ability

The output of coefficient table shows that the constant value (a) is 46.921, while the value of (b coefficient regression is 0,363. So the regression equation can be written

$$Y = a + bX_1$$

$$Y = 46.921 + 0.363X$$

This equation can be translated

1. The Constanta is 46.921.it means that the value of consistence variable is 46.921
2. Coefficient Regression X is 0.363. it is stated that every additional 1% of zoom technology value, so the speaking ability value increase as much as 0.363.The coefficient regression has positive value and it can be said that the effect of variable X to variable Y is positive.
  - Based on the significance value from the coefficient table, it is obtained that the significance value is  $0.000 < 0.05$ . we can conclude that zoom technology variable (X) affects the speaking ability (Y)
  - Based on t value: We know that the value of t count is  $6.027 > t$  table 2,042, so the conclusion of this value is zoom technology variable (X) affects the speaking ability (Y).

## CONCLUSION

The result shows that the effect of zoom technology in use to enhance students' capability of English can improve when the learner always use zoom technology. The students demonstrated positive response on the application because the test of their speaking displayed the progress of their speaking especially their fluency. The students can enhance their potentiality to comunicate well because they felt pleasant without nervous and full concentration. By the zoom application the students can manage their time to speak a word by a word, to correct their grammatical, pronunciation, comprehension, and communication strategy to cope with the problem of online speaking process.

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