

E-Structural- Synchronous Learning During Pandemic Covid-19 in ELT

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Students' Perception toward the Implementation of Synchronous Learning During Pandemic Covid-19 in English Language Teaching (ELT)

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Abstract

This research is to know the students' perception toward the implementation of synchronous learning in English Language teaching (ELT), especially in English TOEFL. The findings show that: 1) most students use the platform both Zoom meeting and Live Streaming YouTube in learning English TOEFL. 2) most students often use handphones in learning English TOEFL during 1 semester. 3) most students agree that the features in the Zoom Meeting Application have complete features. 4) most students agree that using the Zoom Meeting application in learning English TOEFL is very easy. 6) most students agree that the use of the Zoom Meeting application in learning English TOEFL is effective during 1 semester. 7) most students agree that the use of Live Streaming YouTube in learning English TOEFL also is effective. 8) most students agree that they can participate by face-to-face interactions such as question-answer even discussion with lecturer and other classmates by using Zoom. 9) most students agree that in learning English TOEFL by using Live Streaming YouTube, videos can be seen anytime and anywhere because the videos are automatically stored on the lecturer's channel. Related to the level of understanding of TOEFL material, most students very understand in TOEFL material of the listening section. Most students understand TOEFL material of reading, and the Structure and Written Expression section. Several problems that affect during learning the English TOEFL with Zoom Meeting and Live Streaming YouTube. Most students have a problem with an internet connection. While the other problems are internet quota, technical problems of the device (e.g battery, the dead device suddenly, audio quality, video on the device, and others), type of device used, and surrounding conditions (e.g light conditions, ambient sounds, or other disturbances). On the next learning system, most students agree that the next learning system on English TOEFL prediction 2 is not only to implement face-to-face teaching and learning process but also still use Zoom and Live Streaming YouTube.

Keywords: *Synchronous Learning, Zoom Meeting, YouTube, Pandemic Covid-19, ELT, TOEFL*

Introduction

The world is going through a critical, uncertain, and unpredictable stage of disaster and destruction because of pandemic COVID-19 (Sarkar, 2020). All the aspects of life are getting severely influenced including education. The recent pandemic Covid-19 has changed the way of education of millions of students (Fulsawange et al., 2020). The education system is going through a paradigm shift. Radical changes are being seen in the field of education in the form of digital technology. In classroom settings with desks, tables, and blackboards, teaching does not have to be done; it can be done in people's rooms, millions of miles away behind their personal computers (Lotfi & Pozveh, 2019). All of a sudden new forms of learning like virtual learning,

online learning, digital learning, etc replaced the traditional forms of face-to-face learning because of unavoidable circumstances during pandemic COVID-19.

Tekerek (2020, p. 29) states that the constraints of education “lockdown’ due to pandemic COVID-19 increased the necessity to learn online. In mitigating the spread of this pandemic policymakers as much as possible. These online initiatives have changed the face of the school/institution traditional education system to a great extent. Several challenges as well are being faced by the teachers and students. Since the options are limited during pandemic COVID-19, teachers and students are asked to go through online activities to continue the education process as much as possible. Rising to the occasion, many digital platforms are being increasingly made available by the government to provide students free access to the learning materials. The virtual platforms of learning or e-learning platform have given hope to the teachers and students during this pandemic.

According to Fulsawange et al. (2020, p. 51), online learning or e-learning is implemented during the teaching and learning process remotely on digital platforms. The pandemic offers higher education institutions outstanding training to test the readiness for and implementation of online learning (Daniel, 2021, p. 36). The emergence of Information and Communication Technology (ICT) innovations in learning has enabled learning to take place anywhere and wherever (Shukri et al., 2020). Stimulus and increased learner engagement within the classroom have been applied by infusing innovations in classroom instruction. (Guzacheva, 2020) states that in almost every sector, distance learning has a vast presence. Language teaching is one such area where the methods of learning have been taken over and changed by technology.

There are two basic interactive models of online education or online learning (e-learning), they are asynchronous and synchronous (Gulsun, 2015, p. 111). Asynchronous means that the learners, or learners, and the facilitator do not participate in the meeting at the same time, for example, emails, web, blog, internet chat, etc. The nature of participating asynchronously is key in online courses. This encourages participants to be able to balance time for college with families, jobs, and other duties. Under comfortable conditions, learners can conveniently log into the e-learning site from any virtual location and then download or exchange documents and give their peers and/or teachers emails. Students also can spend time polishing their assignments and contributions. Hong Ng (2020) states that the biggest challenge is how to use synchronous learning to promote those connections without permitting face-to-face sessions due to the need to expand physical distance.

Hofmann (2003, p. 10) states that “synchronous” refers to training delivered in real-time by a facilitator, such as synchronous communications usually over the internet, including phone calls, text messages, video conferences, whiteboard meetings, and synchronous classes. Synchronous learning is characterized by group contact between participants and cooperation between them. Synchronous means that the learners, or learners, and the facilitator participate in the conference at the same time, for example, video conferencing. It is also supported by (Chaska, 2000) that the use of desktop video conferencing over the internet is providing synchronous learning among widely dispersed sites. Perveen (2016) states that synchronous e-learning applies to learning/teaching concurrently using an electronic mode. For teachers and students, the synchronous interactive classroom is a space to connect and communicate in real-time. It parallels the conventional classroom by way of webcams and class discussion features, except that all members access it directly over the Internet.

Synchronous teaching and learning or real-time teaching-learning is multifaced and can be conceptualized as both short-form or long-form, depending on the purpose and platform of the

learning (Jiyoony & Peggy, 2019). In longer form, the example as web videoconferencing or web-conferencing programs where multimedia such as audio and video are used in addition to interactive tools such as chat and whiteboard. According to Caporali & Trajkovic (2012, p. 89), synchronous learning is learning in which the parties participate at the same time. (Richard, 2008, p. 108) also states that video conferencing are described as synchronous.

Video conferencing includes two-way video, voice, and data communication over a remote link between two or more parties (Caporali & Trajkovic, 2012, p. 3). It is carried out over a variety of media. Streaming technology such as also makes the use of video conferencing facilities covering the one-way transfer of audio and video to a future end-user of other content. Holsapple (2003, p. 123) states that video conferencing encourages information to be shared by people and communities. The speaker is known as the host, while the one being called is the visitor or user, and it is close to the telephone. A video conference may be arranged for a future period by the caller or host. In general, the guest or participant will be told by e-mail of the meeting time, then they will engage in the video conference at that time.

According to Krakower & Blumengarten (2020), many benefits of video conferencing include improving relationships and the flexibility of learning collaboration by using interactive whiteboards, laptops, tablets, computers, or smartphones to conduct conferences. But, sometimes during video conferences, experience a bad connection or unstable connection, the video might freeze, a delay or lag can happen, unstable audio, blurry images, or the inability to share screen. There are some examples of video conferencing tools based on the expert. (Simonson et al., 2018, p. 14) state that there are several options to create orientations is to have a synchronous meeting/class by using video conferencing platforms such as Zoom (<https://zoom.us/>), Facebook Live (<https://live.fb.com/>), GoToTraining (<https://www.gotomeeting.com/training>) or Google Hangout (<https://hangouts.google.com/>), etc. Emtinan (2019, p. 191) states that synchronous tools such as Youtube Live, Facebook Live, Zoom, etc. Atti (2019, p. 17–18) explains that some online meetings and video conferencing such as Zoom, Hangout, Online Broadcasting Software (OBS), Youtube, Skype, etc. While, Waghmare & Waghmare (2020, p. 97) define that the most used online video conferencing tools for online teaching nowadays is Google Hangout, google Meet, Google Classroom, Team, Webex, and Zoom.

There are several studies conducted related to synchronous learning (e-learning). The first research was written by (Shukri et al., 2020). This study explores the experience of students using ICT resources to learn English using Zoom Cloud Conference, Microsoft Teams, and VLE as the synchronous learning medium. The second research was written by (Fitria, 2020). This study examines the online learning method in teaching English and the opinion of the lecturers on the use of the online learning system. The third research was written by (Ghazal et al., 2015). This study determines how postgraduate students use Skype-based video conferencing for synchronous distance education classes. The fourth research was written by (Dewi et al., 2019). This study examines the perception of students on the design of asynchronous online discussion using Schoology. The fifth research was written by (Rahayu, 2020). This study explores the students' experience use synchronous e-learning through the Zoom conference system.

Based on the previous studies above, several similarities and differences with this research. In similarity, all studies discuss synchronous learning. The first study discusses synchronous learning by using Zoom Cloud Conference, Microsoft Teams, and VLE. The second study discusses asynchronous and synchronous learning. The third study only discusses synchronous learning by using Skype. The fourth study discusses synchronous learning using Schoology. While in the fifth study discusses synchronous learning using Zoom. The researcher is interested

to discuss synchronous learning and limits the object of study by using Zoom meetings and Live Streaming YouTube. Therefore, the purposes of this research are to know the implementation of synchronous learning both Zoom meeting and Live Streaming YouTube and to know the students' perception toward the implementation of synchronous learning in English Language teaching (ELT) especially English TOEFL.

Research Method

This research is descriptive qualitative. According to Horvat (2015, p. 8), qualitative research is particularly well suited to describe and understand the process or problems. The purpose of this descriptive study is to make descriptions, descriptions, or paintings systematically, factually, and accurately. This study does not require statistical testing; is temporary and subject to change during data collection and analysis.

In collecting data in this research by using a questionnaire. A questionnaire is a structured collection of questions to collect some data from a topic of study (Gratton & Jones, 2004). The type of questionnaire used is an online questionnaire. The respondents are asked to complete the questionnaire electronically and the result can be seen then analyzed by the researcher (Gratton & Jones, 2010). The subject of this research is the 155 students of the fifth-semester in ITB AAS Indonesia, Surakarta. They are asked to fill the online questionnaire which consists of several questions related to the evaluation of synchronous learning by using Zoom which is streamed on Live YouTube during the English teaching and learning process in the academic year 2020/2021.

In analyzing data in this research by using three steps of analysis such as data reduction, data display, and conclusion (Punch, 2013, p. 172) cited in (Miles & Huberman, 1994). In data reduction, researchers need to reduce data to select and summarize the incoming data. In presenting data, researchers need to synthesize complex information into a systematic form, so that it becomes simpler and provides the possibility of drawing data conclusions with brief descriptions, charts, tables, or graphs. In conclusion, the researcher makes conclusions based on what has been previously analyzed.

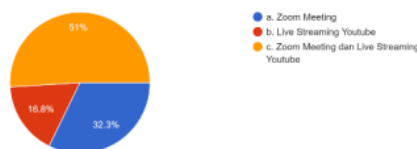
Findings and Discussion

Findings

This research is to know the implementation of synchronous learning in both Zoom meetings and Live Streaming YouTube and to know the students' perception toward the implementation of synchronous learning in English Language teaching (ELT). The findings show that:

1. The type of platform that is often used in the English TOEFL learning process for one semester

Figure 1. Type of platform is often used in the English TOEFL's course



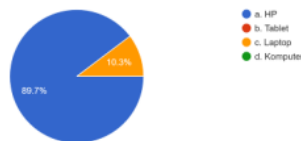
Based on figure 1 above, shows that there are two types of platforms used by the teacher in teaching TOEFL, they are Zoom meetings and Live Streaming YouTube. 155 students are learning English TOEFL as respondents in this research. 79 students or 51 % use platforms

both Zoom meeting and Live Streaming YouTube. 50 students or 32.3 % use platform Zoom meeting, and 26 students, or 16.8 % use Live Streaming YouTube. It shows that most students use platforms both Zoom meetings and Live Streaming YouTube in the teaching and learning process of English TOEFL.

2. The type of device that you often use in the English TOEFL learning process with Zoom Meeting and Live Streaming on YouTube

Figure 2. The Type of Device used by Students in Learning English TOEFL

6. Jenis perangkat yang sering Anda gunakan dalam proses pembelajaran English TOEFL dengan Zoom Meeting/Live streaming Youtube
155 responses

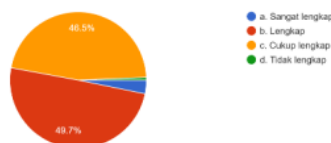


Based on figure 2 above, shows that there are only two devices where the students often use in learning English TOEFL with Zoom Meeting and Live streaming on YouTube, they are handphone and laptop. There are 139 students (89.7 %) use handphone, while only 16 students or 7.3 % use a laptop. There are no students who use tablets and computers in learning English TOEFL. It shows that most students often use handphones in learning English TOEFL during the teaching and learning process.

3. The completeness of the features in the Zoom Application in the learning process

Figure 3. The completeness of the features in the Zoom Meeting Application

8. Menurut anda, seberapa lengkap fitur-fitur yang ada di dalam Aplikasi Zoom dalam proses pembelajaran
155 responses

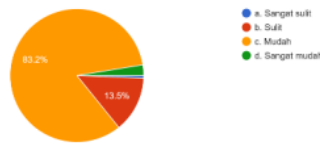


Based on figure 3 above, shows that there are 77 (49.7 %) states “complete”, 72 students or 46.5 % state “complete enough”, 5 students or 3.2 % states “very complete”, while only 1 student or 0.6 % states “not complete”. It shows that most students agree that the features in the Zoom Meeting Application have complete features.

4. The level of ease of use of the features in the Zoom application in the learning process during 1 semester

Figure 4. The level of ease of use of the features in the Zoom application

9. Menurut anda, seberapa mudah penggunaan fitur-fitur yang ada di aplikasi Zoom dalam proses pembelajaran selama 1 semester
155 responses

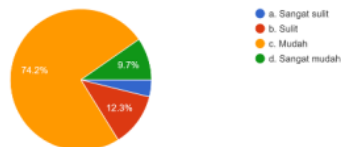


Based on figure 4 above, shows that there are 129 students or 83.2 % states ‘easy’. 21 students or 13.5 % state “difficult”, 4 students or 2.6 % state “very easy”, while only 1 student or 0.6 % state “very difficult”. It shows that most students agree that very easy in using the Zoom Meeting features in learning English TOEFL.

- The level of ease of using the Zoom Meeting application in the learning process

Figure 5. The level of ease of using the Zoom Meeting application

7. Menurut anda, seberapa mudah penggunaan aplikasi Zoom dalam proses pembelajaran
155 responses

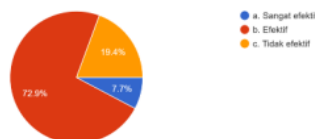


Based on figure 5 above, shows that there are 115 students or 74.2 % states ‘very difficult’. 19 students or 12.3 % state “difficult”, 15 students or 9.7 % state “very easy”, while only 6 students or 3.9 % state “very difficult”. It shows that most students agree that very easy in using the Zoom Meeting application in learning English TOEFL.

- The level of effectiveness of using Zoom meetings in learning English TOEFL for 1 semester

Figure 6. The level of effectiveness of using Zoom meetings in learning English TOEFL

10. Seberapa efektif penggunaan Zoom meeting dalam proses pembelajaran selama 1 semester
155 responses



Based on figure 6 above, shows that there are three levels of effectiveness of using Zoom. There are 113 students or 72.9 % state “effective”, 12 students or 2.7 % state “very effective”, while 30 students or 19.4 % state “not effective”. It shows that most students agree that the use of the Zoom Meeting application in learning English TOEFL is effective during one semester.

- The level of effectiveness of Live Streaming YouTube in the learning English TOEFL during 1 semester

Figure 7. The level of effectiveness of Live Streaming YouTube in learning TOEFL



Based on figure 4 above, shows that there are three levels of effectiveness of using Live Streaming YouTube. There are 112 students or 73 % state “effective”, 22 students or 14.2 % state “very effective”, while 21 students or 13.5 % state “not effective”. It shows that most students agree that the use of Live Streaming YouTube in learning English TOEFL is effective during 1 semester.

8. The advantages of using Zoom meetings in the English TOEFL learning process

Figure 8. The advantages of using Zoom meetings in Learning English TOEFL

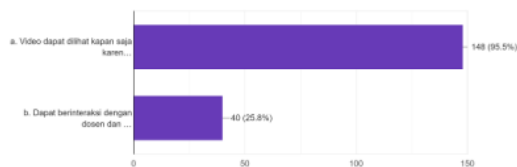


Based on figure 4 above, shows that there are some advantages of using the Zoom Meeting application in learning English TOEFL. There are 64 students or 41.3 % states that “Zoom meetings can be linked with a YouTube live stream”. 99 students or 63.9 % state that “With Zoom Meeting, students can make face-to-face interactions such as question-answer even discussion with English lecturers and other classmates”. 85 students or 54.8 % state that “With Zoom Meeting, students can ask questions with English lecturers and other participants through the chat column in the Zoom meeting for “everyone” and “privately”. It shows that most students agree that the students can make face-to-face interactions such as question-answer even discussion with English lecturers and other classmates/participants by using Zoom Meeting,

9. The advantages of using Live Streaming YouTube in the English TOEFL learning process

Figure 9. The advantages of using Live Streaming YouTube in Learning English TOEFL

13. Menurut Anda, apa kelebihan penggunaan Live streaming YouTube dalam proses pembelajaran English TOEFL ? (Anda dapat memilih lebih dari 1 pilihan)
155 responses



Based on figure 4 above, shows that there are some advantages of using Live Streaming YouTube in learning English TOEFL. There are 148 students or 95.5 % state “With Live Streaming YouTube, TOEFL learning videos can be seen anytime and anywhere”. While, 40 students, or 25.8 % state “With Live Streaming YouTube, students can interact with questions and answer with the lecturers via Live Chat available during streaming. It shows that most students agree that in learning English TOEFL by using Live Streaming YouTube, videos can be seen anytime and anywhere because the videos are automatically stored on the English lecturer’s channel.

10. The level of understanding of the TOEFL material delivered by the lecturer using Zoom Meeting and Live Streaming YouTube

Table 1. The Level of Understanding of English TOEFL material Using lecturer using Zoom Meeting and Live Streaming YouTube

TOEFL Section	Indicator		
	Very understand	Understand	Not Understand
Listening	129 (83.2 %)	9 (5.8 %)	17 (11 %)
Reading	10 (6.5 %)	139 (89.7 %)	6 (3.9 %)
Structure and Written Expression	8 (5.2 %)	126 (81.3 %)	21 (13.5 %)

Based on table 1 above, shows that there are three sections of TOEFL material. In the listening section, there are 129 students or 83.2 states ‘very understand’, 9 students or 5.8 % state ‘understand’, and 17 students or 11 % state ‘not understand’. It shows that most students very understand TOEFL material especially the listening section. In the reading section, there are only 10 students or 6.5 % states ‘very understand’, 139 students or 89.7 % states ‘understand’, and only 6 students or 3.9 % state “not understand”. It shows that most students understand TOEFL material especially the reading section. In the Structure and Written Expression section, there are only 8 students, or 5.2 % state “very understand”, 126 students or 81.3 % state “understand”, and 21 students s “not understand”. It shows that most students understand TOEFL material especially the Structure and Written Expression section.

11. The Students problems that affect the English TOEFL learning process with Zoom Meeting and Live Streaming YouTube

Figure 10. Problems that affect in learning English TOEFL with Zoom Meeting and Live Streaming YouTube

14. Kendala yang mempengaruhi Anda selama proses pembelajaran English TOEFL dengan Zoom meeting dan Live Streaming Youtube (Anda dapat memilih lebih dari 1 pilihan)
155 responses

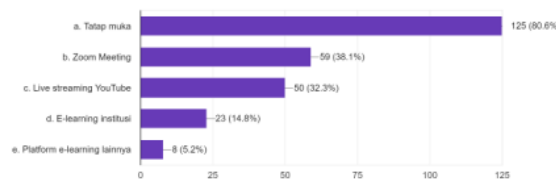


Based on figure 10 above, shows that there are some problems faced by students in using Zoom Meeting and Live Streaming YouTube in learning English TOEFL. There are 64 students or 41.3 % state “internet quota”. 129 students or 83.2 % state “internet connection”. 24 students or 15.5 % state “type of device used”. 61 students or 39.4 % state “technical problems of the device (such as a low battery, the dead device suddenly, audio quality, video on the device and others). 56 students or 36.1 % state “surrounding conditions (such as light conditions, ambient sounds, or other disturbances)”. It shows that most students have a problem with internet connection in using Zoom Meeting and Live Streaming YouTube in learning English TOEFL.

12. Continuity of using the next learning system in learning TOEFL Prediction 2

Figure 11. Continuity of using the next learning system in learning TOEFL Prediction 2

15. Keberlanjutan penggunaan sistem pembelajaran TOEFL selanjutnya. (Anda dapat memilih lebih dari 1 pilihan)
155 responses



Based on figure 4 above, shows that there are several choices of the students in using the next learning system. 125 students or 80.6 % state “face-to-face learning”. 59 students or 38.1 % state “Zoom Meeting”. 50 students or 32.3 % state “Live Streaming YouTube”. 23 students or 14.8 % state “institutions’ e-learning platform”. While only 8 students or 5.2 % state “other e-learning platform”. It shows that most students agree that the next learning system on English TOEFL prediction 2 implements face-to-face teaching and learning process.

Discussion

There are two types of platforms used by the teacher in teaching English TOEFL course by using Zoom meeting and Live Streaming YouTube during 1 semester in the academic year 2020/2021. There are 155 students in the fifth semester in Institute Technology Business AAS Indonesia Surakarta as a research object. In classroom settings with desks, tables, and blackboards, teaching does not have to be done in a classroom; it can be done in people's rooms, millions of miles away behind their personal computers. This led to the asynchronous system of teaching, in which teaching and learning have a period. While this has now been synchronous with the use of interactive applications with which we can use live links, this is much like teaching in the classroom (Bernard et al., 2004).

During the COVID-19 pandemic, a Zoom video conferencing application is currently one of the tools most often used by lecturers for two-way or synchronous communication media in the teaching and learning process. According to Simonson et al., (2018, pp. 44–45), Zoom is a simple online video conferencing tool that can be used to meet with classes. Lecturers/teachers and students enjoy seeing each other through the application's video conferencing capabilities. The use of Zoom as a synchronous classroom meeting place facilitates lecturers/teachers and students' engagement. The meeting room encourages students to collaborate through Zoom's grouping. A zoom is a tool used to video conference allowing the option to teach, discuss, share computer screen, use interactive, whiteboards, break into smaller groups in separate rooms for small group activities and discussion and recording (Mary, 2019, p. 62). The students can attend from any geographical location with an internet connection and video capability.

In participating in Zoom video conferences, the users can participate via phones, tablets, and computers of a supported type. According to Manning & Johnson (2020, p. 247), Zoom provides interactive features that allow users to share voice, text, presentations, whiteboards, each other's computer screens, and many more. Most students (139 students or 89.7 %) use handphones in learning English TOEFL during the teaching and learning process.

In general, the Zoom application has a feature that allows its users to stream Zoom Meeting or YouTube. This is indeed present to provide the possibility for students who are not connected to the meeting room to still be able to attend the meeting directly through the YouTube channel. However, this streaming process will also delay for a few seconds (around 20 seconds) between the actual Zoom Meeting and YouTube Live. Besides, those who watch meetings/webinars from YouTube can only provide comments via the live chat column provided on YouTube, and cannot interact directly with meeting participants who enter the Meeting Room on the Zoom application. Most students (79 students or 50.1 %) use the platform both Zoom meeting and Live Streaming YouTube in learning English TOEFL course during 1 semester.

The features of Zoom encourage English teachers, through rich experiences with students, to explore and evaluate the abilities. Zoom motivates English teachers to annotate their shared computer, making lessons more engaging, in addition to screen sharing. If the teacher allows this function, English teachers can record their lessons to the Cloud, or locally-medical students can also record and turn recording on and off as many times as they like during a lesson. Teachers can record lessons and review them again to determine the successes and deficiencies of students, and learners can self-evaluate their abilities by reviewing recorded lessons. To see the improvement over time, medical learners can watch the recorded lessons in a sequence. Besides, lecturers will evaluate the progress of the students by showing another English teacher, whom they trust, the reported lesson, and asking for positive input. From the findings, most students (77 students or 49.7 %) agree that the features in the Zoom Meeting Application have complete features. Most students (129 students or 83.2 %) also agree that using the Zoom Meeting features in learning English TOEFL is very easy for them. Most students (115 students or 74.2 %) agree that very easy in using the Zoom Meeting application in learning English TOEFL.

Zoom allows English teachers to present the material of their lessons in different ways. The screen sharing of Zoom will provide English teachers with a fantastic opportunity to improve the intercultural skills of medical students by sharing interactive resources such as photographs, papers, and presentations. English teachers should enable medical learners to use constructive questions during lessons and after seeing them assess and evaluate their learning. Educators may even ask students, by taking a video and posting it, to focus on their classes. Most students (113 students or 72.9 %) agree that the use of the Zoom Meeting application in learning English

TOEFL is effective during one semester. Zoom is a platform for online conferencing, helping teachers/educators to have interactive meetings. It is a renowned framework that is used in a simulated set up to simulate the class environment. It has various characteristics that allow it to do so, such as video conferencing, audio conferencing, screen sharing, live chats, meeting video recording, and much more. Before developing their course, ESL teachers planning on using this framework should become acquainted with it.

There are some advantages of using the Zoom Meeting application in learning English TOEFL. It shows that most students (99 students or 63.9 %) agree that the students can make face-to-face interactions such as question-answer even discussion with English lecturers and other classmates/participants by using Zoom Meeting. 64 students agree that Zoom meetings can be linked with a YouTube live stream". While 85 students or 54.8 % agree that Zoom Meeting, students can ask questions with English lecturers and other participants through the chat column in the Zoom meeting for "everyone" and "privately".

Besides using Zoom Meeting, most students (112 students or 73 %) agree that the use of Live Streaming YouTube in learning English TOEFL also effective to be implemented during 1 semester. There are some advantages of using Live Streaming YouTube in learning English TOEFL. It shows that most students (148 students or 95.5 %) agree that in learning English TOEFL by using Live Streaming YouTube, videos can be seen anytime and anywhere because the videos are automatically stored on the English lecturer channel. They can see the video of English TOEFL on the Youtube channel "English with Miss Tira" which can be accessed on <https://www.youtube.com/c/EnglishWithMissTira>. While, 40 students, or 25.8 % agree that by using Live Streaming YouTube, students can interact with questions and answers lecturers via Live Chat available during streaming. Simonson et al., (2018, p. 44) state that **YouTube is a natural open educational resource for presenting content knowledge**. Through Live Streaming, students can take advantage of the video commentary feature for class discussions. Of course, the discussion is online and will not be hampered by time problems. When a lecturer or student uploads a video on the class channel that has been created, each class member can comment and provide feedback, ask, or answer questions.

Related to the level of understanding of the TOEFL material delivered by the lecturer using both Zoom Meeting and Live Streaming YouTube, three sections of TOEFL material have been explained and discussed by using those platforms. The listening section shows that most students (129 students or 83.2 %) very understand TOEFL material especially the listening section. In the reading section, most students (139 students or 89.7 %) understand TOEFL material especially the reading section. **In the Structure and Written Expression** section, most students (126 students or 81.3 %) understand TOEFL material especially Structure and Written Expression section.

Several problems also can affect students during the learning English TOEFL by using both Zoom Meeting and Live Streaming YouTube. Most students (129 students or 83.2 %) have problems with internet connection in using Zoom Meeting and Live Streaming YouTube in learning English TOEFL. Online learning is very dependent on the internet, if the network is slow or has difficult signals, the learning process will be left behind. A device connected to the internet with a minimum speed of 3G. Zoom Meeting will adjust the image quality to your internet bandwidth, but you must have a minimum bandwidth of 600kbps to 1.2Mbps. Devices that are connected to the internet will make it easier for lecturers who want face-to-face lectures via video call applications such as Zoom and Live YouTube that require a smooth internet network. While the other problems are: 1) internet quota. Online learning also requires a large data package or internet quote. 2) technical problems of the device (such as a low battery, dead

device suddenly, audio quality, video on the device and others), 3) type of device used, and 4) surrounding conditions (such as light conditions, ambient sounds, or other disturbances).

Related to several choices of the students in using synchronous learning (e-learning platform) in the next learning system, most students (125 students or 80.6 %) agree that in the next learning system on English TOEFL prediction 2 implement face-to-face teaching and learning process. 59 students or 38.1 % choose “Zoom Meeting”. 50 students or 32.3 % choose “Live Streaming YouTube”. 23 students or 14.8 % state “institutions’ e-learning platform”. While only 8 students or 5.2 % state “other e-learning platform”.

Conclusion

²³ The word synchronous means "same time" This is a method of learning where computer learning is carried out or carried out at the same time as teaching by the teacher and learning by the students. This facilitates direct contact, either via the internet or via the intranet, between lecturers/teachers and students/learners. And is also seen in online courses as well. Synchronous learning demands that teachers and students concurrently enter the e-learning system. In short, this type of e-learning is almost the same as direct learning in the classroom. The use of synchronous learning became very popular during the pandemic COVID-19, along with all classical activities, gathering large numbers of people in one place became impossible. Therefore, the Physical Distancing icon is one of the “medicine” to break the chain of the spread of the pandemic COVID-19. The potential to teach digitally in the digital world is an important ability that any teacher and educator should possess. Classes have moved to interactive networks and synchronous learning such as using Zoom Meeting and Live Streaming YouTube because of the current pandemic, and the importance of online education has risen significantly.

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