



**STUDENTS' OPINION TOWARD THE USE OF TELEGRAM
APPLICATION IN ONLINE LEARNING: A CASE OF QUANTITATIVE
RESEARCH IN ELT CLASS**

THESIS

*Submitted To English Teaching Department
Tarbiyah and Teacher Training Faculty of IAIN Batusangkar
As A Requirement to Obtain Bachelor Degree in English Teaching*

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

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ABSTRAK

ISRA MELDA NOFIA, NIM 1730104032, judul Skripsi: **“STUDENTS’ OPINION TOWARD THE USE OF TELEGRAM APPLICATION IN ONLINE LEARNING: A CASE OF QUANTITATIVE RESEARCH IN ELT”**, Jurusan Tadris Bahasa Inggris, Fakultas Tarbiyah dan Ilmu Keguruan, Institut Agama Islam Negeri (IAIN) Batusangkar.

Permasalahan penelitian ini adalah perpindahan proses pembelajaran dari offline ke online yang diakibatkan oleh covid-19, yang mana kondisi ini menimbulkan banyak dampak, baik itu dampak positif ataupun dampak negative. Adapun tujuan penelitian ini adalah untuk mengetahui bagaimana pendapat mahasiswa dalam menggunakan aplikasi telegram sebagai alat untuk proses pembelajaran online.

Jenis penelitian ini adalah penelitian kualitatif, sebuah studi kasus. Informan dari penelitian berjumlah 8 orang mahasiswa Tadris Bahasa Inggris yang sudah mengambil mata kuliah Quantitative Research in ELT pada tahun akademik 2020/2021. Informan penelitian ini dipilih dengan menggunakan teknik purposive sampling. Dalam penelitian ini, peneliti mengambil data sendiri dengan berpedoman kepada pedoman wawancara. Setelah data terkumpul, peneliti menguji keabsahan data yang mengacu pada teori prolonged engagement. Kemudian, data dianalisis dengan cara mereduksi data, menampilkan data, memverifikasi data dan mengambil kesimpulan Miles dan Huberman (2014).

Berdasarkan analisis data, hasil penelitian menunjukkan bahwa ada beberapa pendapat mahasiswa tentang penggunaan aplikasi telegram dalam pembelajaran Quantitative secara online, ada dua opini tentang penggunaan aplikasi telegram dalam proses pembelajaran online di kelas Quantitative. Pertama, kelebihan dalam penggunaan Telegram adalah; 1) Mudah dalam mengirimkan tugas 2) mudah dalam berkomunikasi via chat atau voice note 3) bisa video call dalam jumlah yang banyak 4) mudah dalam mengirimkan video 5) mudah dalam mengakses informasi 6) notifikasi telegram cepat masuk 7) bisa mengirim file dalam kapasitas besar 8) penyimpanan file yang aman. Dan selanjutnya adalah kelemahan dalam penggunaan aplikasi Telegram saat proses pembelajaran online diantaranya adalah: 1) kesulitan dalam mengirim video karena harus tetap berada di dalam kolom chat 2) Aplikasi telegram memakan banyak tempat 3) sinyal yang tidak mendukung 4) menghabiskan banyak Quota 5) sangat mudah bagi orang lain untuk mendapatkan link kita 6) terkadang aplikasi tidak mengeluarkan notifikasi.

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CHAPTER 1

INTRODUCTION

A. Background of the Problem

Quantitative research in ELT class learned by the four semester students of English department at IAIN Batusangkar. This subject has two SKS this mean that the students learn for 100 minutes per meeting. This subject is divided into three classes, this class is class A, B and C. At IAIN Batusangkar, the Quantitative Research in ELT course is a mandatory course that must be taken by all students, this course is one of the requirements for conducting research. The quantitative research in elt course is a subject that must be taken by all students, which is a course that is required to do research as a final project for graduation. The learning process for Quantitative research in ELT is usually carried out in the classroom face to face.

Different from the previous semester, the current semester learn Quantitative research in ELT subject in online process since the Indonesian government took necessary actions to closely observe work health organization (WHO) situation report on the covid-19 pandemic outbreak around the world since the dangerous virus was firstly identified in wuhan, south china in November 2019 the virus than rapidly spread throughout the globe, one of the country that affected by covid-19 pandemic is Indonesia. The covid-19 pandemic has forced the Indonesia government through its ministry of education and culture to implement policies moving conventional classroom to online classroom. So, all schools in Indonesia apply online learning to minimize covid-19 pandemic infection.

Quantitative research in ELT in a real situation is different from learning during covid-19 pandemic. In real situation, the lecturer give materials to the students by using Infocus after that the lecturer ask the student make a group then the lecturer ask the students make an assignment in a group and doing a feedback in the next meeting. Contrast with a real situation, students learn Quantitative research in ELT in online classroom because of the covid-19

spreadness, there are several ways use by lecturer in teaching Quantitative in ELT. First the lecturers opened the class in telegram application after that the lecturer send the link of zoom application or G-meet link, then all of the student join in the zoom or G-meet application after the lecturer explain the material in zoom or G-meet application then the lecturer give an assignment and feedback for students in telegram application.

The change from offline to online learning is certainly not easy, it will cause many difficulties for both the lecturers and the students themselves. However, the learning process must continue online, heavy courses coupled with students who have to practice it is a difficulty that must be faced by students. To overcome the various problems faced when doing online learning, an appropriate application is needed to support the learning process. One of the applications used during the teaching and learning process is the telegram application. According to Sajad et al., (2019) Telegram is a mobile application that allows users to communicate with them using mobile gadgets and computers, and telegrams can be used for teaching and learning. Apart from being a tool or medium that is often used to communicate and interact with many people, telegrams are also often used for online teaching and learning processes.

There are so many researchers researching telegram applications, Firstly is the research from A. Abu-Ayfah, (2019) with the topic "Telegram App in Learning English: EFL students Perception " the findings of the study may contribute to developing the process of improving learning techniques in higher education in Saudi Arabia. Second the research from Yinka & Queendarline, (2018) topic is "Telegram as a social media tool for teaching and learning in tertiary institutions" The findings show that there are several benefits and advantages telegram as a media for learning. Thirds, the study was conducted by Lestari & Wardhono, (2020) The topic of this research is "Students' Perspectives on Using Telegram Messenger as a Learning Media" the major findings in this research it can be concluded that Telegram

Messenger can be media in teaching and learning but they often use Telegram Messenger in daily media communication.

Many researchers have researched the use of telegrams, but no one has researched about student's opinion toward the use of telegram application in online learning: A case of Quatitative research in ELT. Therefore, the researchers are interested in carrying out doing an investigation about student's opinion toward the use of telegram applictaion in online learning.

Based on the background above the researcher interested to choose the topic and conduct the research with the title "Students opinion toward the use of Telegram Application in online learning: A case of Quantitative research in ELT class".

B. Focus and Question of the Research

Based on the background of the problem above, the researcher wants to focus her research on students' opinion about strength and weakness toward the use of telegram application in online learning: A case of Quantitative research in ELT class. Therefore, the question of this research is formulated as follows: "What are students' opinion about strength and weakness toward the use of telegram application in online learning: A case of Quantitative research in ELT Class?"

C. Definition of the Key Term

To avoid misunderstanding and ambiguity about this research, the key terms are defined as follows:

1. Telegram application

Telegram is a mobile that can be used for teaching and learning. Telegram is a mobile application that is free and has a high level of security, can transfer file in any extension, instant messaging, group messaging and cloud based. When used as a learning medium, telegram is able to help student understand the learningmaterial.

2. Online learning

Online learning is a learning system that uses an interactive model internet-based and Learning Management System. Online

learning is a learning process using an application. Online learning is a method of education whereby students learn in a fully virtual environment.

3. Students' opinion

Are the response perspective, understanding one think to understand about the certain object after receiving stimulant from outside by the student of English teaching department in the four semester in following Quantitative research in ELT class using telegram application.

D. Purpose of the Research

According to the research question above, the purpose of this research is to describe "students' opinion about strength and weakness toward the use of telegram application in online learning: A case of Quantitative research in ELT class".

E. Significance of the Research

By conducting this research, hope that this research gives a contribution

1. Theoretically

This research can explain the results of the students' opinion toward the use of telegram application in online learning: A case of Quantitative research in ELT class

2. Practically

This research is expected to be useful for the English students, English teaching department lecturers, other lecturers and researchers.

a. English Students

The result of this research could be useful for English students, especially students who conduct online learning Quantitative research in ELT class

b. English Lecturer

This research will help English Lecturer of English Teaching Department in IAIN Batusangkar to know what students opinion toward the use of telegram application in online learning.

c. The researcher herself

This research may enrich researcher's knowledge about the students' opinion toward the use of telegram application in online learning: a case of Quantitative research in ELT class. At last, this research is done as one of the requirements to get undergraduate degree (S.1) at IAIN Batusangkar.

CHAPTER II

REVIEW OF RELATED THEORIES

A. Review Related Theories

1. TelegramApp

a) Definition of telegramAPP

There are so many definitions of telegram application, Telegram is a mobile application that allows users to communicate with them using mobile gadgets and computersSajad et al., (2019)and Telegram can be used for teaching and learning. Kusuma & Suwartono, (2021) State that Telegram is one of the most famous online social media networks that can help the learner in learning a foreign language. It is a messaging application that enables people to send videos, pictures, audio, or other types of files kept on a cloud-based server without making the mobile device full of capacity, and this application has different roles among variousfields.

furthermore, Chaniago & Junaidi, (2019) states that Telegram is a cloud-based messenger application and is easy to be synchronized so that it will easy to access messages from a variety of devices such as tablets and computers with the amount of up to 1.5 GB per person for photo files, video and file sharing such as doc, zip, mp3, and others. And if a hand phone has a limited storage device so your data will always be safely stored in the cloud. Furthermore, A. Abu-Ayfah, (2019) states that Telegram is a cloud-based app that allows users to exchange videos, pictures, audio, or any file stored in a server without occupying space in their mobiledevice.

So, from the explanation above we can conclude that Telegram is a mobile application that has limited storage devices, is easy to be synchronized and is a cloud-based server with the function to communicate with others and as also be a media for teaching and learning.

b) Benefit of Telegram

Telegram is a mobile application that allows users to communicate with other people using mobile gadgets and computers Yinka & Queendarline, (2018).

Telegram can be used for teaching and learning for the following reasons:

- 1) Multiple platforms: smartphones (Operating system, Android), PC, Laptop, iPad, Tab, and Web.
- 2) Compatible file format: jpg, audio, movie, pdf, excel, word, PowerPoint.
- 3) Large file transfer.
- 4) Grouping facilities: 1000 members, access to old/past messages, members add members.
- 5) Better storage capacity and management
- 6) Better memory system and management
- 7) Better security with encryption.

As well as Wahyuni, (2018) states that there are five Benefits of Telegram for teaching and learning:

- 1) Privacy: Several tests confirmed that Telegram is the safer App in the market. Everything is encrypted from the chat to the calls.
- 2) Cloud and security: Every conversation and content is saved in the cloud. Therefore, no loss of anything due to a device formatting or change.
- 3) Password-protected conversation: No more messages read by strangers' unwanted users.
- 4) It makes students can chat with anyone: students can communicate with someone just searching him/her by the nickname and not necessarily through the phone number saved in their contact list.
- 5) The Power of groups: Telegram allows students to create

super groups with up to 5,000 users. And with the next update, they will become even much bigger. So, from both of the theories above, we can conclude that there are several benefits of telegram application, starting from Multiple platforms, Compatible file format, Large files transfer, Privacy, Cloud and security, The Power of groups, Better storage capacity and management, Better memory system and management.

c) Advantages of Telegram App

According to Sajad et al., (2019) Using helpful robots One of the most important characteristics of Telegram which makes it different from other distance education programs is the existence of robots or so-called 'bots', which can encourage learners to be self-reliant and independent. The idea of getting help from robots can stimulate an initiative sense, especially for introverted learners. Additionally, inquisitive learners can challenge their peers by getting some information from robots.

Moreover, by having access to a great range of robots, learners can become more independent and discover the materials by themselves. Figure 8 shows Andy's chatting robot which makes language discussion practice more lively for learners, particularly beginners who might be interested in finding out reactions of a native speaker to specific questions. In responding to learners, the robot matches its answers to the linguistic level of the questions.

The following robots are among the few language-related robots which can be used by learners from all language levels:

- 1) The pronunciation bot helps learners to check the pronunciation of words on the spot and even get the phonetic notation of the words and messages. Therefore, there is no need to use a dictionary while reading a passage
- 2) The Twitter robot provides an opportunity to check the

Twitter account on the go. The idea behind creating such a robot is to have access to the social network continuously.

- 3) Cloud file robots can save received files in one's drop box account or another cloud-based system. Even though Telegram has got its own Cloud system, some members might be interested in saving the files somewhere else.
- 4) Umad robot provides great animated pictures and learners can use these GIF files in their conversational exchanges to make their conversational exchanges much more exciting.
- 5) Study robot covers a wide range of subjects by teaching different aspects of language, geography, world history, and so on. Also, it measures different areas of English like IELTS, TOEFL, SAT, and IAS mock tests.
- 6) Wiki robot is capable of searching articles in any chat box or forum. It is a great way of sharing information with others without any interruption. The significance of this robot is to have something to say any time one gets involved in a conversation exchange.
- 7) Voice robot changes the voice messages and converts them to text messages accurately. It can be very helpful for learners to get involved in a conversation whose total understanding might seem to be difficult. This is also beneficial for learners who like to transcribe the talks from video conferencing or live speeches. This robot puts the learners in a comfort zone that no single material will be lost. Abadisdic bot gives learners access to dictionaries and encyclopedias in an online environment. Vote bot enables instructors to conduct a survey and get feedback from students through like scale questionnaire system. The voting robot can undo a vote if one chooses an alternative by mistake, or one wants to change their mind about a point.

So from the explanation above we can conclude that there are several advantages of a telegram that the other application didn't have, first Pronunciation bot, Telewitter robot, Cloud file robot, Umad robot, Study robot, Wiki robot, Voice robot, Abadisdic bot.

d) The Use of Telegram in the Online Learning Process

According to Fitriansyah & Aryadillah, (2020) There are several steps or ways to use Telegram as a tool to support the online learning process

- 1) Lecturers form a group on the app telegram whose members consist of one study group class.
- 2) Lecturers act as group admins.
- 3) Learning content uploaded by admin in the group that was formed.
- 4) When uploading content, the lecturer gives information related to learning.
- 5) Students can read and give responses to lecturers through groups.
- 6) Learning activities take place independently independent outside of student activities.
- 7) If there are things that are not understood, questions can be asked in the group and discussed with other students with directions from lecturers.
- 8) Evaluation is carried out by the lecturer with ask evaluation questions to the group either directly or in the form of files by including the submission deadline answer.
- 9) Lecturers can develop utilization This telegram application suits your needs learning.
- 10) All information related to learning is communicated early through telegram for later student using Moodle cloud.

2. Online Learning

a. Definition Of Online Learning

According to Efriana, (2021) online learning is an internet-based learning system and management system that uses interactive models. Online learning is a program that organizes online classes to reach a group with a very broad target. Educational institutions have chosen online learning as something steady to use. According to Michael Madya & Abdurahman, (2021) e-learning means electronic learning, e-Learning is a learning process that uses media to support the learning process.

Furthermore, Hamid et al., (2020) states that online learning is a learning paradigm that has both theoretical and practical appeal. Moreover, Yushril Rahmatullah Faqih Putra & Inayati, (2021) states that e-learning always refers to the use of electronics that serves to exchange information and communication which in the teaching and learning process always uses a network.

So from the explanation above, the researcher concluded that e-learning is a form of teaching and learning process that uses electronics and networks as a medium to support the learning process.

b. Characteristics of Online Learning

The main characteristic of online learning is using computers and the internet, and according to Madya & Abdurahman, (2021) state that, behind using computers and the internet there are several characteristics of online learning.

- 1) Learning materials that are relevant to the learning objectives
- 2) The learning method used must be appropriate
- 3) Learning media formats can use text, visuals, audio, and multimedia
- 4) Applications used in e-learning must be very supportive of students, some examples of applications include; google,

web, and other supporting applications such as dropbox and remotedesktop.

- 5) Some applications that are also referenced for the teaching and learning process from home are as follows: learning house, our desk, I can do, Indonesia x, google for education. Microsoft 365, Quimper school and Zenius

Based on the theory above we can summarize that there are several characteristics of online learning, first Learning materials that are relevant to the learning objectives, second learning method must be appropriate, Applications used in e-learning must be very supportive of students, and the last applications that are also referenced for the teaching and learning process from home are as follows: learning house, our desk, ican do, indonesia x and so on.

c. Advantages of Online Learning

According to Sadeghi, (2019) some of the advantages of online learning are as follows:

- 1) Learn from anywhere and anytime

The best thing when doing online studying is the student can study anywhere and anytime, it doesn't matter where the location, the student will be able to continue taking an online class and start learning, the students can go to school at international schools abroad, and students will be able to easily access course materials if they are a foreign country, it doesn't matter where they are, they still get knowledge and training.

- 2) Saving a significant amount of money

For any program, studying online is much cheaper than regular tuition on campus, if a student is looking for an economically viable option, then they can take online classes or study remotely because by studying online, one does not

have to live in a city or country that has learning institutions, it is enough only to have access to a computer and an internet connection. Students can already study distance and it will also be cheaper, compared to the courses provided at the educationcenter.

3) No commuting

According to Nagrale Sadeghi, (2019) State that if a student chooses distance learning, then one of the advantages is, it will save transportation costs, not only transportation but also save energy and time, the things that students need is a computer with an internet network.

4) Flexibility to choose

Students must follow the learning schedule set according to the school curriculum, this will make students required to be ready with the specified schedule, but with online learning held, students can determine their schedule and this greatly facilitates students.

5) Saving time

Online learning can save time, it will save more time, students will not spend time going to and from school, there will be no time wasted waiting for transportation to pick up, by studying online, we will be able to easily access learning materials even if only at home. Students who do not have enough time. Can switch to online learning.

6) Earn while you learn

Those who want to improve their resume, and also want to get a higher education without having to ruin their work. Then distance learning will be the best choice for them, students can continue to earn a living while seeking knowledge. Based on quoted theories above the researcher can summarize that there are six advantages of online

learning, its start from learning from anywhere and anytime, saving a significant amount of money, no commuting, Flexibility to choose, Saving Time, and Earn while you learn.

d. Disadvantages of Online Learning

According to Medford, (2019) there are several disadvantages of online learning:

1) PoorCommunication

By learning online, a student will interact less with his teacher, even though teachers and students need a very significant interaction and face-to-face to build closeness between students and teachers, according to a study conducted by an international review of research in open and distance learning., found the results of research that,online learning can cause misunderstandings between educators and students which have a bad impact on the teaching and learning process, due to misinterpretation of assignments.

2) Feeling Isolated

Interacting with fellow educators is very important, citing students' feelings of isolation as online learning. Due to technological advances in today's era. A child's social development has taken a backseat. When a student connects with his friend online through some applications like Instagram, Facebook but fails to meet and greet their classmates. This impact leads to feelings of isolation, studies show that feeling isolated is a stress factor that can spur students to drop out of school.

3) Lack ofMotivation

Students will feel a lack of motivation when studying online because their focus point will be shifted to other things, self-study will be a loss for students who cannot manage time and always procrastinate, most students who

like this tend to succeed with traditional learning structures.

4) Lack of Funds

One of the drawbacks of technology is cost, such as devices that must be used during the teaching and learning process, internet problems, production of learning materials, and limited funds. This study states that most educational institutions do not bear the cost and connectivity is often also a barrier to online learning.

5) Lack of Quality

Online learning sometimes results in a decrease in the quality of the teaching and learning process. Some studies suggest that non- online faculty having problems with the credibility of online courses will not take learning preparation as seriously as possible, and a lack of commitment will also have a profound and negative effect on the quality of online learning.

6) Poor accessibility in remote area

Some things that are very necessary when learning online are: hardware, software, and connectivity are pre-requisites for online learning, if not one of these online learning will not be able to achieve the goal. Some people will not have ready access to a computer and internet connection, and some people who have treated equipment feel unprepared to use it.

Based on the theories above the researcher summarize that there are several Disadvantages of online learning Poor communication, Feeling isolated, Lack of motivation, lack of funds, lack of quality, Poor accessibility in the remote area.

e. **The Psychological Impact of Online Learning**

According to Medford, (2019) there are several psychology impacts of online learning:

- 1) Frustration: frustration is the most inescapable feeling related to web-based learning. Numerous students experienced frustrations of some sort with some part of web-based learning. A large part of the disappointment is related to innovation. Many times students can't sign on. Some of the time connections can be disappointing because the connections don't work. For some, the disappointment is related to an absence of clear directions for finding the necessary site. The student is sought that the data would be accessible on the web, on the site page, yet it is truly hard to track down the page. Disappointment might be related to the regulatory cycles, with directions that are indistinct and dark. It is likewise related to the plan, design, and importance of the site content and PC uneasiness with the learning measures, particularly conversation gatherings.
- 2) Fear, Nervousness, Worry in Web-based Learning: Web-based adapting here and there present issues identified with PC tension among the students in case they can't oversee it appropriately. PC tension is a dread of interfacing with PCs that is unbalanced to the real risk of the circumstance. PC tension leaves the client in an awkward mental state where one encounters crippling physical and passionate indications.
- 3) Stress, Discouragement in Web-based Learning: More prominent utilization of the web is additionally connected with expansion in melancholy. There have been reports of web-related passing, for example, heart failures coming about because of lack of sleep and absence of individual upkeep or self-destruction because of net-related
- 4) Pressure. Internet Learning is related to conduct and motivation issues like over-contribution in web-based connections and urgent web surfing or data set inquiries (data

over-burden).

Based on the explanation above we can be divided there are several psychological impacts of online learning first Frustration, second Fear, Nervousness, Worry, and last is Stress.

3. Opinion

a) Definition of Opinion

There is various definition of proposed by the expert. (Cutlip et al., 2013)state that opinion is attitude expression about problem that is contradiction. Albig in priatini in lucky melan sari (2018) it means opinion is a statement that contradicts itself. Someone's opinion about anything is clouded by previous ideas. Opinions might be for or against something, or they can be neutral.

(Arifin, 2013) In simple terms, the notion of opinion is is an activity to express or convey what certain people believe, value and expect for their benefit from a certain situation"

From the opinion above, it can be concluded that opinion is an opinion that is expressed based on the value of a certain attitude

b) The Aspect of student's opinion

1) Personality

Personality is a set individual difference that is affected by the sociocultural development of an individual: values, attitude, personal memories, social relationship, habits, and skill.

2) Attitude

Attitude is an expression of favor or disfavor, toward a person, place thing, or event. There are four different groups attitudes based on their function. The first is utilitarian. It provides the students with the general approach or avoidance tendencies which people adopt attitudes that are rewarding and that help them avoid punishment. The second is knowledge. Knowledge helps people to recognize and interpret new information. The Third is Ego-defensive which is the attitudes can help people protect their self-

esteem. The last is value-expensive. It is use to express the central values or beliefs.

3) Emotions

Emotions include motivation, feeling, behavior, and psychological changes which are related to the everyday speech, conscious experiences and the relationship that exist between emotions, such as having a positive or negative influence.

4) Experience

Experience is a master or knowledge of an event or subject gained in through involvement in or exposure to it. An experience in the subject field.

5) Expectation

The expectation is a belief that something will happen or feel about successful, good, someone or something will be.

Based on theory above, we can conclude that, there is any several Aspect of student's perception, first Personality, second Attitude, Emotions, Experience, and the last is Expectation.

c) Component opinion

According to Arifin, (2013) there are 3 types of opinion

1) Confidence

Credibility or a matter of believe it or not. This concerns whether something that is being discussed is believed or not by the audience.

2) Values

Almost all public opinion is related to what is felt or sought by the public. Especially with regard to welfare.

3) Expectations or hopes

Relating to a conative or inclination, it is often equated with an impulse, desire, and endeavor or striving. Public opinion is not just a conversation that flows without direction.

B. Review of Relevant Studies

Several relevant studies have been conducted by the previous researcher. Firstly is the research from A.Abu-Ayfah, (2019) entitled "Telegram App in Learning English: EFL students Perception" the goals of this research are To investigate EFL college students perception of using telegram in English language learning, and the research question from this research is "What are the EFL college students perception of using telegram app for English language learning?" The methodology of this research is a Quantitative, survey. The population 300 EFL college students, 200 female, and 100 male. The major findings of this research are the study may contribute to developing the process of improving learning techniques in higher education in Saudi Arabia, and the result of this research is the majority of EFL students perceived telegram as a useful tool for English language learning, particularly in vocabulary learning. The similarities of this article and my research are in the topic of research it's about student's perception using telegram as a media for Teaching and learning. The differences are in the purpose of the research, focus on the research, population, data collection, and place.

Second The research from Yinka & Queendarline (2018) with the title Telegram as a social media tool for teaching and learning in tertiary institutions. The research question from this research is what are students' usage of Telegram for teaching and learning? And what are students' perceptions on the use of Telegram for teaching and learning? The purpose of this research is to investigate telegram as a social media tool for teaching and learning in tertiary Institutions, the methodology of this research is a descriptive survey. The population of this research is 400 level students from three departments in the University. The result of the study shows that there are several benefits and advantages of using telegram as a media for learning: advantages of Telegram usage: 1.It has high security as it provides more security than any other messenger app, and the secret chat using encryption technique is an example for security and privacy. 2. Telegram provides an

extremely fast messaging service; it has instant support as the support is available on telegram. 3. It has no ads, and it is completely free. 4. It has unlimited cloud storage. 5. The ordinary chats and the secret chats are in the telegram. The similarities of this article and my own research are in the topic of research it's about student's perception using telegram as a media for Teaching and learning. The differences are in the purpose of the research, focus on the research, population, data collection, and place.

Thirds, the study conducted by Lestari & Wardhono (2020) The title of this research is Students' Perspectives on Using Telegram Messenger as a Learning Media. This research has the purpose to describe students' perspectives on using Telegram messenger as a learning media. The research Design of this article is descriptive qualitative. The population of this research is fifth-semester students in English Study Program. the finding of this research, it can be concluded that Telegram Messenger can be media in teaching and learning but they often use Telegram Messenger in daily media communication. It was shown by the respondent's percentages that lower than 50% of them agree to use Telegram Messenger. The similarities between this articles with my research are in the topic and data collection. The differences between this article and my article are in population, place, and time.

Fourth, this study was conducted by Sedigheh Vahdat (2020) the title is The Impact of Telegram on Learning of Collocational Knowledge among EFL High School Students the research question on this journal is: Is there any significant difference between students' learning of collocational knowledge by using Telegram compared to the traditional method? Does teaching collocations via Telegram result in more effective collocational learning compared to the traditional method? The aim of this research is at investigating the impact of Telegram on the collocational knowledge of EFL learners. The population in this research is 40 female third-grade high school students aged 15 to 16, learning English as a foreign language at a public high school, and the research design on this research is Quantitative Method. The major findings on this research from the study were presented in the form of

mean, standard deviation, standard error of the mean. Moreover, to compare the obtained scores, an independent t-test was run to see if there are any significant differences in the performance of the participants. The similarities between this articles with my research are in the topic and data collection. The differences between this article and my article are in population, place, and time.

Fifth, this study was conducted by Faraji (2020) the title is The effectiveness of telegram-based virtual education versus in-person education on the quality of life in adolescents with moderate-to-severe asthma: A pilot randomized controlled trial, the aim of this study was to determine whether Telegram-based virtual education versus in-person education can be effective for improving the quality of life in adolescents with moderate-to-severe asthma. Design: A single-blind randomized trial. The methodology of this research is Qualitative, and the Population was 64 adolescents aged 12–19 years. The resulting state that a statistically significant increase was observed in the quality of life in both groups ($p < .001$). After controlling the quality-of-life scores, there was no statistically significant difference between the groups in terms of the mean score for the quality of life and its domains ($p < .05$). The similarities between this articles with my research are in the topic and data collection. The differences between this article and my article are in population, place, and time.

Sixth, the study was conducted by Heidar & Kaviani (2017) this research aims to investigate whether Telegram would be an effective vocabulary learning tool in EFL classrooms in Payam Noor University or not? In other words, the main goal of this study was to find the social impact of Telegram on English vocabulary learning. The question of this research is "Does the use of Telegram have any significant effect on EFL intermediate level learners' vocabulary learning?". The methodology of this research is quantitative, and the research population is 50 female students intermediate level learners, the findings of this study are considered to be useful in the English methodology issue. The similarities of this article with my research

are in the topic of research it's about the use of telegram in online learning, the differences are in purpose of the research, focus on the research, population, data collection, research design, and place.

Seventh, the study was conducted by Iqbal et al., (2020) with the title Telegram as a Tool to Supplement Online Medical Education During COVID-19 Crisis. The aim of this research is this study explore the potential benefits and disadvantages of integrating Telegram into undergraduate medical education during the COVID-19 pandemic. The research design of this research is quantitative (experimental) and the sample of this research is 203 undergraduate medical students, the findings of this research are The findings of this current study accords with that of Sajad et al., (2019), who reported similar utilities of Telegram when exploring its feasibility for the distance teaching of language courses. The differences are in the purpose of the research, focus on the research, population, data collection, research design, and place.

At the last, this study was conducted by Murni hayati (2021) with the title The Effects of Utilizing Telegram App to Enhance Students' ESL Writing Skills. The research question of this study is "What are the students' perceptions on using the Telegram app to improve ESL writing skills?" The research design of this study is quantitative experimental. The sample of this study is three classes, each class has 30-35 students, and the findings of this research are from the paired sample t-test indicated that the utilization of the Telegram app significantly enhanced students in ESL writing skills in the post-test. In addition, students' perception towards ESL writing also enhanced significantly after the utilization of the Telegram app. In conclusion, from the perception of 100 students that participated in the Telegram tasks in this study, it is clear that the Telegram app does help in developing students' writing ability in terms of new vocabulary and it boosts their motivation in learning. The similarities of this article with my research are in the topic of research it's about telegram application, the differences are in purpose of the research, focus on the research, population, data collection, research design, and place.

CHAPTER III

RESEARCH METHODOLOGY

A. Research Design

This research was qualitative research, a case study one. Qualitative research is called by qualitative methods because of the collection and the analysis of this method is more qualitative. It means the object of the research is very natural with the data and not manipulated by the researcher herself (Sugiyono in Saidah et al, 2018: 141). Qualitative research is a research method based on philosophy, used to examine natural conditions of objects, (as opposed to being experiments) where researchers are as key instruments, data collection techniques are carried out by triangulation, data analysis is inductive / qualitative, and the result of this research emphasize more meaning than generalization (Sugiyono in Kusuma, 2020 : 238). The purpose of using case study research is to explain how the existence and why of the case (Yin in Habibah, 2019: 19). Dealing with the theories above, this research concerned to find out and describe the students' opinion toward the use of telegram application in online learning: A case of Quantitative class.

B. Data and Data Source

1. Data

The data of the research collected from all utterances gotten from the informant.

2. Data Source

Data source of this research collected from the students of English Teaching Department at IAIN Batusangkar registered in 2020/2021 Academic Year who have taken Quantitative research in ELT class.

C. Research Informant

Informant is someone or more who provides information to the researcher related to the problem of the research (Rahmayani & Hafliisyah,

2018: 169). In a research, informant is needed to give the data that the researcher need to know. Therefore, the informant should know the experienced about the problem. In choosing the informant, there were some criteria. These were some general criteria in choosing informant: (1) honest, (2) reliable, (3) speaking up, (4) subject is not involved at certain group, and (5) subjects have views about certain case that happening (Moleong in Rahmayani, 2018: 38). Moreover, there were some specific criteria of choosing research informants. First, the informants should English department students, especially the four semester students who registered in 2020/2021 Academic Year. Second, students who have taken Quantitative class research in ELT. Third, student's opinion toward the use of telegram application in online learning: A case of Quantitative class research in ELT.

In choosing the research informants, the researcher used purposive sampling technique. The purposive sampling technique, also called judgment sampling. It means the deliberate choice of an informant due to the qualities the informant possesses. It is a nonrandom technique that does not need underlying theories or a set number of informants (Tongco, 2007: 147). By applying this technique, she was choose them based on the above criteria. She was tried to contact all students by recommended from the lecturer that teach Quantitative research in ELT and only 8 students are willing to be interviewed. A total of 8 informants in this research were chosen by using purposive sampling. The informants of this research were three male and five females. Based on the theories, this research was conducted to the students who have studied Quantitative research in ELT subject in fourthsemester of English Teaching Department at IAIN Batusangkar registered in 2020/2021 Academic Year

D. Research Instrument

The key instrument of this research was the researcher herself. As the key instrument of this research, the researcher was used interview guide to help her in order to find out students opinion toward the use of telegram application in online learning: a case of quantitative research ELT class.

Interview is one of data collection method that the researcher meet with the informant for trading information and idea by using question, then the result of the topic can be constructed within the data (Sugiyono in Insani & Sutanto: 2019). The aim of doing the interview is to get open information and can be carried out in-depth interview process. In-depth interview means the process of finding information for research purposes by giving question and answer.

By using interview guides or not, where the researcher and the informant are involved in a relatively long social life (Kusuma, 2020: 238). The researcher was doing interview face to face by using Zoom application with the informant or the person will be interview.

E. Technique of the Data Collection

The data was collected by doing interview. Kind of interview is in-depth interview. The researcher doing interviewed by using Zoom application and record it. The researcher interviewed the four semester students of English teaching department in IAIN Batusangkar registered in 2020/2021 who have taken Quantitative research in ELT class. There are four informants that the researcher interviewed them in twice, they were informant 1,3,4 and 5. The aim of doing second interviewed was to make sure the students opinion toward the use of telegram application in online learning: A case of Quantitative research in ELT class. The researcher interviewed the first informant on January 8th 2022 at 17.39 PM and the second interviewed on January 11th 2022 at 10.00 PM, the third informant on January 14th 2022 at 14.55 PM, the fourth informant on July January 15th 2022 at 13.15PM, the Fifth informant on January 17th 2022 at 16.00 AM, the sixth informant on January 17th 2022 at 20.00 AM, the seventh informant on January 1 th 2022 at 17.39 AM and the last informant on January 19th 2022 at 10.05 PM.

F. Checking the Data Trustworthiness

In analyzing the data, the researcher used triangulation to get good information from the informant. Triangulation is one of the techniques used in checking the data trustworthiness in qualitative research. Triangulation is a term used to describe data collecting procedures that combine multiple data

collection approaches and existing data sources (Matthew B. Miles, A. Michael Huberman, 2014). Source triangulation refers to obtaining data from multiple sources using the same method. In this study, the researcher use the triangulation method to ensure that the researcher would not lose information.

Method triangulation is done by comparing information or data in different ways. In qualitative research, the researcher uses an interview guide. Researchers conducted interviews twice. For the first interview, the researcher was asked about their opinion about student's opinion toward the use of telegram application in online learning: A case of Quantitative research in ELT for the second interview, it was to re-confirm the data in the previous interview to check the credibility of the data. And this was done a few weeks after conducting the first interview, this was done because the data or information obtained from research informants was doubtful.

G. Technique of the Data Analysis

In analyzing qualitative data needs three activities, they are reduction of the data, display of the data, conclusion making and verification of the data B.Miles et al., (2014) The data of this research was analyzed by three activities:

1. Reduction of the data

The reduction of the data is occur during the interview. In other words, when the data is collected, the phase of continuing of reduction is occurring such as making conclusion, codification, investigation of the theme, grouping, and writes the memorandum B.Miles et al., (2014). In reducing the data, the researcher was did some steps. First, she was interviewed the research informants. Second, she was maked transcription based on interview result. Third, she was bold the information about student's opinion toward the use of telegram application in online learning: A case of Quantitative research in ELT class. Then, she was coded the researcher, the informant and the opinion. R was coded for

researcher. I was coded for informant, for example informant 1 was coded by I-1; informant 2 was coded by I-2; informant 3 was coded by I-3; informant 4 was coded by I-4, and so on. O was coded for Opinion, for example Opinion 1 was coded by O-1; Opinion 2 was coded by O-2; Opinion 3 was coded by O-3; Opinion 4 was coded by O-4, and so on.

2. Display of the Data

After reducing the data, the researcher was displayed it by using a table. Display of the data is the set of information that is arranged possible to give the possibility to take a conclusion and a treatment. Qualitative data can be display in some ways, for instance by using graphic, table, short description, chart, and categorization and so on (Miles and Huberman: 1994). In this step, the researcher analyzed student's opinion toward the use of telegram application in online learning: A case of Quantitative research in ELT class.

3. Conclusion making and verification of the data

After reducing and display the data, the researcher was tried to make conclusion and verification of the data. In this step, she was verified and conclude student's opinion toward the use of telegram application in online learning: A case of Quantitative research in ELT class.

CHAPTER IV

RESEARCH FINDING AND DISCUSSION

A. Research Finding

After collecting the data, the researcher analyzed them by referring to the theory from Miles & Huberman. Based on the data analysis, the researcher found the strength and the weakness about using telegram application in online learning: A case of Quantitative Research in ELT class. The Strength of using telegram application in online learning are: 1) easy to submit assignment, 2) easy to communicate with chat, 3) can video call in large quantities, 4) easy to send video, 5) easy to access information, 6) Notification on telegram goes faster, 7) can send a file with a large quantity, 8) telegram file save storage. and the weakness of using telegram application in online learning are: 1) having trouble sending videos because you have to stay in the telegram application, 2) Telegram app storage takes up a lot of space, 3) Lack of signal, 4) Spend a lot of Quota, 5) Too easy for strangers to get our ID, 6) Application sometimes does not show notification.

The following explanation is the results of the interview gotten from informants dealing with students' opinion toward the use of telegram application in online learning: A case of quantitative research in ELT class. The data has been explained as follows:

a. Benefit Of Telegram Application

1. Easy To Submit Assignments

Based on the first interview done to the informants, the researcher found students' opinion. It can be seen from the informant 1 (I-1). The explanation about this can be seen in the following part. The researcher did interview with informant 1 (I-1) on Saturday, January 8th 2022 at 20.19 PM. The result was:

R : Oowh begitu, kalau menurut nelda apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT?
(Oowh, what do you think are the benefits of using

the telegram application in the Quantitive research in ELT course?)

- I-1 : Manfaatnya itu yang pertama kita bisa mengirimkan tugas kita kak, dan terus juga kita bisa berkomunikasi melalui chat ataupun voicenote dan selain itu juga ada vc bisa rame-rame semuanya, dan terus juga bisa mengirimkan video, dan nantik videonya itu seperti video utuh tanpa link gitu bisa di kompres gitu kak, jadi kak seandainya menggunakan telegram itu lebih memudahkan gitu lah kak.

(The benefit is that first we can send our assignments, Sis, and then we can communicate via chat or voice note and besides that there is also a vc that can do everything, and can also send videos, and wait for the video, it's like a complete video without a link. can it be compressed like that, sis, so if you use telegram, it's easier, sis)

2. Easy To Communicate Via Chat or Voice Note

Based on the first interview did to the informants, the researcher found students' opinion. It can be seen from the informant 1 (I-1) and informant 8 (I-8). The explanation about this can be seen in the following part. The researcher did interview with informant 1 (I-1) on Saturday, January 8th 2022 at 20.19 PM and Informant 8.

(I-8) on Saturday 22th at 10.01 AM the result was:

- R : Oowh begitu, kalau menurut nelda apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitive research in ELT?

(Owwh, what do you think are the benefits of using the telegram application in the Quantitive research in ELT course?)

- I-1 : Manfaatnya itu yang pertama kita bisa mengirimkan tugas kita kak, dan terus juga kita bisa berkomunikasi melalui chat ataupun voicenote dan selain itu juga ada video call bisa rame-rame semuanya, dan terus juga bisa mengirimkan video, dan nantik videonya itu seperti video utuh tanpa link gitu bisa di kompres gitu kak, jadi kak seandainya menggunakan telegram itu lebih

memudahkan gitu lah kak.

(The benefit is that first we can send our assignments, Sis, and then we can communicate via chat or voice note and besides that there is also a video call in large Quantities, and can also send videos, and wait for the video, it's like a complete video without a link. can it be compressed like that, sis, so if you use telegram, it's easier, sis)

R : Oke, selanjutnya kita masuk ke pertanyaan selanjutnya ya, menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT secara online selama pandemic?

(Okay, then let's go to the next question, in your opinion, what are the benefits of using the telegram application in online Quantitative research in ELT courses during the pandemic?)

I-8 : Ooowh pertama tama, mudah berkomunikasi melalui chat atau juga mudah berbagi informasi tertentu setelah itu memudahkan eee kita dalam eee mengirim-ngirim link tugas dan sebagainya kalau diminta itu setelah itu filenya aman dan memiliki berbagai banyak fitur kita bisa mengirim video dalam ukuran besar setelah itu kita bisa mengirim voice note didalam telegram tersebut kak atau didalam telegram tersebut. Filenya aman dan tersimpan jadi kita tidak perlu merasa khawatir jika kehilangan filenya setelah itu kita bisa video call dalam jumlah yang banyak setelah itu kita muda berkomunikasi setelah itu notifnya lebih cepat masuk dari aplikasi lain.

(Ooooh first of all, it's easy to communicate via chat or also easy to share certain information after that it makes it easier for us to eee send assignment links and so on if requested after that the file is safe and has many features, we can send videos in large size after that we you can send voice notes in the telegram, bro or in the telegram. The files are safe and stored so we don't have to worry if we lose the files after that we can video call in large numbers after that we are easy to communicate after that the notifications come in faster than other applications.)

3. Can Video Call in Large Quantities

Based on the first interview did to the informants, the researcher found students' opinion. It can be seen from the informant 1 (I-1) and informant 8 (I-8). The explanation about this can be seen in the following part. The researcher did interview with informant 1 (I-1) on Saturday, January 8th 2022 at 20.19 PM. And informant 8 (I-8) on Saturday 22th at 10.01 AM the result was:

R : Oowh begitu, kalau menurut nelda apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT?
(Oowh, what do you think are the benefits of using the telegram application in the Quantitative research in ELT course?)

I-1 : Manfaatnya itu yang pertama kita bisa mengirimkan tugas kita kak, dan terus juga kita bisa berkomunikasi melalui chat ataupun voice note dan selain itu juga ada video call bisa rame-rame semuanya, dan terus juga bisa mengirimkan video, dan nantik videonya itu seperti video utuh tanpa link gitu bisa di kompres gitu kak, jadi kak seandainya menggunakan telegram itu lebih memudahkan gitu lah kak.
(The benefit is that first we can send our assignments, Sis, and then we can communicate via chat or voicenote and besides that, there are video calls, everything can be busy, and we can also send videos, and wait for the video, it's like a complete video without a link. That's how it can be compressed, sis, so if you use telegram, it's easier, sis.)

R : Oke, selanjutnya kita masuk ke pertanyaan selanjutnya ya, menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT secara online selama pandemic?

(Okay, then let's go to the next question, in your opinion, what are the benefits of using the telegram application in online Quantitative research in ELT courses during the pandemic?))

- I-8 : Ooowh pertama tama, mudah berkomunikasi melalui chat atau juga mudah berbagi informasi tertentu setelah itu memudahkan eee kita dalam eee mengirim-ngirim link tugas dan sebagainya kalau diminta itu setelah itu filenya aman dan memiliki berbagai banyak fitur kita bisa mengirim video dalam ukuran besar setelah itu kita bisa mengirim voice note didalam telegram tersebut kak atau didalam telegram tersebut. Filenya aman dan tersimpan jadi kita tidak perlu merasa kwatir jika kehilangan filenya setelah itu kita bisa video call dalam jumlah yang banyak setelah itu kita muda berkomunikasi setelah itu notifnya lebih cepat masuk dari aplikasi lain.

(Ooooh first of all, it's easy to communicate via chat or also easy to share certain information after that it makes it easier for us to eee send assignment links and so on if requested after that the file is safe and has many features, we can send videos in large size after that we you can send voice notes in the telegram, bro or in the telegram. The files are safe and stored so we don't have to worry if we lose the files after that we can video call in large numbers after that we are easy to communicate after that the notifications come in faster than other applications.)

4. Easy to Send Video

Based on the first interview did to the informants, the researcher found students' opinion. It can be seen from the informant 1 (I-1) and informant 3 (I-3) informan 4 (I-4) and informant 8 (I-8). The explanation about this can be seen in the following part. The researcher did interview with informant 1 (I-1) on Saturday, January 8th 2022 at 20.19 PM and informant 3 on Friday January 14th 2022 at 15.55 PM and informant 8 (I-8) on Saturday 22th at 10.01 AM the result was:

- R : Oowh begitu, kalau menurut nelda apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT?
(Oowh, what do you think are the benefits of using the telegram application in the Quantitative research in ELT course?)
- I-1 : Manfaatnya itu yang pertama kita bisa mengirimkan tugas kita kak, dan terus juga kita bisa berkomunikasi melalui chat ataupun voice note dan selain itu juga ada video call bisa rame-rame semuanya, dan terus juga bisa mengirimkan video, dan nantik videonya itu seperti video utuh tanpa link gitu bisa di kompres gitu kak, jadi kak seandainya menggunakan telegram itu lebih memudahkan gitu lah kak.
(The benefit is that first we can send our assignments, Sis, and then we can communicate via chat or voice note and besides that, there are video calls, everything can be busy, and we can also send videos, and wait for the video, it's like a complete video without a link. That's how it can be compressed, sis, so if you use telegram, it's easier, sis.)
- R : Oo gitu, pertanyaan selanjutnya, apa saja manfaat penggunaan aplikasi telegram dalam perkuliahan Quantitative research in ELT secara online selama pandemic?
(So, the next question, what are the benefits of using the telegram application in online Quantitative research in ELT lectures during a pandemic?)
- I-3 : Sejauh ini kak, yang saya ketahui dalam penggunaan telegram dalam pengiriman tugas berupa video kak, nah jadikan kak setelah kami menggunakan zoom kami di mintak untuk me record nya kak, ada small discussion itu kami harus merecordnya terlebih dahulu sebelum kami melanjutkan aktifitas selanjutnya kak, jadi itu memudahkan kami untuk mengirim video gitu kak, karena ketika kita diskusi dalam satu zoom nantik kak, itu kan membutuhkan ruang yang besar untuk mengirim videonya kak, jadi

kalau di WA itu kan gak cukup kak, jadi kami butuh telegram untuk mengirimkan video diskusi kami kak.

(So far, Sis, what I know about using Telegram in sending assignments is in the form of videos, Sis, so after we use Zoom, we are asked to record it, Sis, there is a small discussion where we have to record it first before we continue with the next activity, Sis, so it makes it easier for us to send videos like that, sis, because when we discuss in one zoom, look forward to it, sis, it requires a large space to send the video, sis, so if it's in WA, it's not enough, sis, so we need a telegram to send our discussion video)

R : Oke, selanjutnya kita masuk ke pertanyaan selanjutnya ya, menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT secara online selama pandemic?

(Okay, then let's go to the next question, in your opinion, what are the benefits of using the telegram application in online Quantitative research in ELT courses during the pandemic?)

I-8 : Ooowh pertama tama, mudah berkomunikasi melalui chat atau juga mudah berbagi informasi tertentu setelah itu memudahkan eee kita dalam eee mengirim-ngirim link tugas dan sebagainya kalau diminta itu setelah itu filenya aman dan memiliki berbagai banyak fitur kita bisa mengirim video dalam ukuran besar setelah itu kita bisa mengirim voice note didalam telegram tersebut kak atau didalam telegram tersebut. Filenya aman dan tersimpan jadi kita tidak perlu merasa khawatir jika kehilangan filenya setelah itu kita bisa video call dalam jumlah yang banyak setelah itu kita bisa berkomunikasi setelah itu notifikasi lebih cepat masuk dari aplikasi lain.

(Ooooh first of all, it's easy to communicate via chat or also easy to share certain information after that it makes it easier for us to eee send assignment links and so on if requested after that the file is safe and has many features, we can send videos in large size after that we you can send voice notes in the telegram, bro or in the telegram. The files are safe and stored so we don't have to worry if we lose the files after that we can video call in large numbers)

after that we are easy to communicate after that the notifications come in faster than other applications.)

5. Easy To Access Information

Based on the first interview did to the informants, the researcher found students' opinion. It can be seen from the informant 2 (I-2) and informant 4 (I-4) Informant 5 (I-5) and informant 7 (I-7) and informant 8 (I-8). The explanation about this can be seen in the following part. The researcher did interview with informant 2 on Saturday, January 8th 2022 at 20.19 PM and informant 4 on Friday January 15th 2022 at 13.55.PM informant 5 on Monday January 17th 16.00 PM and the last informant 7 on Thursday 18th 2022 10.03 PM and informant 8 (I-8) on Saturday 22th at 10.01 AM the result was:

R : Sudah lengkap, menurut saudara apa saja manfaat praktis terhadap penggunaan telegram dalam perkuliahan secara online selama pandemic?

(It's complete, in your opinion, what are the practical benefits of using telegrams in online lectures during a pandemic?)

I-2 : Kalau manfaatnya yaitu mudah mengakses informasi kak, dan lebih cepat dari aplikasi yang lain. Menggunakan telegramkan ada notif masuknya langsung. Jadi tau ada tugas atau ada pemberitahuan lebih cepat.

(The benefits are easy access to information, Sis, and faster than other applications. Using Telegram there is a direct entry notification. So you know there is a task or there is a faster notification.)

R : Menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam perkuliahan Quantitative Research in ELT secara online selama pandemic?

(In your opinion, what are the benefits of using the Telegram application in online Quantitative Research in ELT lectures during the pandemic?)

I-4 : Manfaatnya yang pertama kalau mengirim video itu bisa ukurannya lebih besar, yang kedua telegramnya mudah kita akses yang ketiga ukuran GB videonya itu tidak terlalu besar
(The first benefit is that if you send a video, the size can be larger, the second is that the telegram is easy for us to access. The third is that the GB video size is not too big.)

R : Selain itu apa saja manfaat penggunaan telegram aplikasi dalam perkuliahan Quantitative research in ELT secara online?

(In addition, what are the benefits of using telegram applications in online Quantitative research in ELT lectures?)

I-5 : Terus manfaat yang lainnya itu mudah di akses kak soalnya kan buku Quantitative itu tebal-tebal kak, biasanya buku itu kalau dikirim secara online itu gak bisa kak contohnya lewat Whatsaap itu gak bisa kak karena sizenya besar tapi kalau lewat telegram dia bisa dan mengirimnya juga mudah gitu kak, gak dan mudah mengirimkan file atau document-dokumen yang lain kak, soalnya kan

(Then the other benefits are easy to access, sis, because the Quantitative book is thick, sis, usually if the book is sent online, it can't be done, for example via WhatsApp, it can't be because the size is big, but if it is via telegram, it can be sent and sending it is also easy Is that so, Sis, isn't it and it's easy to send files or other documents, Sis, the problem is, right?)

R : Oowh begitu, oke menurut saudari apa saja manfaat penggunaan aplikasi telegram dalam perkuliahan

Quantitative research in ELT secara online selama pandemic?

(Wow, okay, what do you think are the benefits of using the telegram application in online Quantitative research in ELT lectures during a pandemic?)

- I-7 : Ooo kalau menurut saya sih kak, mungkin telegram itu mudah di akses dan juga seperti mengirim gambar, dan gambar itu lebih jelas, dan bisa ngirim file yang besar kalau aplikasi lain kan ada batasan filenya kalau kita ngirim tapi kalau di telegram itu ngirim file nya tidak terbatas, jadi lebih jelas apapun yang diberikan oleh ibu dan apapun yang kita kirimkan gitu kak.

(Ooo, in my opinion, maybe Telegram is easy to access and also like sending pictures, and the picture is clearer, and can send large files if other applications have file limits if we send them but if the telegram sends files it doesn't It's limited, so it's clear what mom gave and what we sent)

- R : Oke, selanjutnya kita masuk ke pertanyaan selanjutnya ya, menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT secara online selama pandemic?

Okay, then let's go to the next question, in your opinion, what are the benefits of using the telegram application in online Quantitative research in ELT courses during the pandemic?)

- I-8 : Ooowh pertama tama, mudah berkomunikasi melalui chat atau juga mudah berbagi informasi tertentu setelah itu memudahkan eee kita dalam eee mengirim-ngirim link tugas dan sebagainya kalau diminta itu setelah itu filenya aman dan memiliki berbagai banyak fitur kita bisa mengirim video dalam ukuran besar setelah itu kita bisa mengirim voice note didalam telegram tersebut kak atau didalam telegram tersebut. Filenya aman dan tersimpan jadi kita tidak perlu merasa khawatir jika kehilangan filenya setelah itu kita bisa video call dalam jumlah yang banyak setelah itu kita bisa berkomunikasi setelah itu notifnya lebih cepat masuk dari aplikasi lain.

(Ooooh first of all, it's easy to communicate via chat or also easy to share certain information after that it makes it easier for us to eee send assignment links and so on if requested after that the file is safe and has many features we can send videos in large size

after that we you can send voice notes in the telegram, bro or in the telegram. The files are safe and stored so we don't have to worry if we lose the files after that we can video call in large numbers after that we are easy to communicate after that the notifications come in faster than other applications.

6. Notifications On Telegram Go Faster

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 2 (I-2) 10.03 PM and informant 8 (I-8) on Saturday 22th at 10.01 AM the result was:

R : Sudah lengkap, menurut saudara apa saja manfaat praktis terhadap penggunaan telegram dalam perkuliahan secara online selama pandemic?

(It's complete, in your opinion, what are the practical benefits of using telegrams in online lectures during a pandemic?)

I-2 : Kalau manfaatnya yaitu mudah mengakses informasi kak, dan lebih cepat dari aplikasi yang lain. Menggunakan telegramkan ada notif masuknya langsung. Jadi tau ada tugas atau ada pemberitahuan lebih cepat.

(The benefits are easy access to information, Sis, and faster than other applications. Using Telegram there is a direct entry notification. So, you know there is a task or there is a faster notification.)

7. Can Send a File in Large Capacity

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 5 (I-5) and informant 6 (I-6) and the last informant 7 (I-7). The explanation about this can be seen in the following part. The researcher did interview with informant 5 on Monday January 17th 16.00 PM and then informant 6 on Monday January

17th 16.00, the last informant 7 on Thursday 18th 2022 10.03 PM PM the result was:

R : Selain itu apa saja manfaat penggunaan telegram aplikasi dalam perkuliahan Quantitative research in ELT secara online?

(In addition, what are the benefits of using telegram applications in online Quantitative research in ELT lectures?)

I.5 : Terus manfaat yang lainnya itu mudah di akses kak soalnya kan buku Quantitative itu tebal-tebal kak, biasanya buku itu kalau dikirim secara online itu gak bisa kak contohnya lewat Whatsaap itu gak bisa kak karena sizenya besar tapi kalau lewat telegram dia bisa dan mengirimnya juga mudah gitu kak, gak dan mudah mengirimkan file atau document-dokumen yang lain kak,

(Then the other benefits are easy to access, sis, because the Quantitative book is thick, sis, usually if the book is sent online, it can't be done, for example via WhatsApp, it can't be because the size is big, but if it is via telegram, it can be sent and sending it is also easy Is that so, isn't it, and it's easy to send files or other documents)

R : Menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam perkuliahan Quantitaive research in ELT secara online di masa pandemic?

(In your opinion, what are the benefits of using the telegram application in online Quantitative research in ELT lectures during a pandemic?)

I-6 : Kalau menurut saya selama penggunaan telegram itu bagus karena kita bisa mengirim berkas dengan kapasitas yang cukup besar, seperti aplikasi lainnya, seperti kita kirim video itu seperti batas limit waktunya tidak dibatasi, karena ada beberapa aplikasi misalnya hanya lima menit tapi kalau di telegram itu kita bebas mengirimkan file itu tanpa batasan

(In my opinion, as long as we use Telegram, it's good because we can send files with a large enough capacity, like other applications, such as sending videos, it's like the time limit is not limited, because there are some applications, for example, only five

minutes, but on Telegram, we are free. send that file without limitation)

R : Oowh begitu, oke menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam perkuliahan Quantitative research in ELT secara online selama pandemic?

(Wow, okay, what do you think are the benefits of using the telegram application in online Quantitative research in ELT lectures during a pandemic?)

I-7 : Ooo kalau menurut saya sih kak, mungkin telegram itu mudah di akses dan juga seperti mengirim gambar, dan gambar itu lebih jelas, dan bisa ngirim file yang besar kalau aplikasi lain kan ada batasan filenya kalau kita ngirim tapi kalau di telegram itu ngirim file nya tidak terbatas, jadi lebih jelas apapun yang diberikan oleh ibu dan apapun yang kita kirimkan gitu kak.

(Ooo, in my opinion bro, maybe Telegram is easy to access and also like sending pictures, and the picture is clearer, and can send large files if other applications have file limits if we send them but if the telegram sends files it doesn't It's limited, so it's clear what mom gave and what we sent, bro.)

8. Safe Files Stored

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 5 (I-5) and informant 8 (I-8). It can be seen from the informant 5 (I-5) 10.03 PM and informant 8 (I-8) on Saturday 22th at 10.01 AM the result was:

R : Menurut saudara apa saja manfaat penggunaan telegram dalam perkuliahan Quantitative research in ELT selama pandemic?

(In your opinion, what are the benefits of using telegram in Quantitative research in ELT lectures during the pandemic?)

I-5 : Kalau menurut bunga di telegram itu, dia kalau mengirim file itu gak akan hilang gitu kak, walaupun chatnya di delete itu dia tetap ada dan tersimpan, walaupun data kita hilang file nya masih

aman di dalam telegram tersebut kak.

(According to the interest in the telegram, if you send the file it won't be lost, bro, even if the chat is deleted, it's still there and stored, even though our data is lost, the file is still safe in the telegram, bro.)

R : Oke, selanjutnya kita masuk ke pertanyaan selanjutnya ya, menurut saudara apa saja manfaat penggunaan aplikasi telegram dalam mata kuliah Quantitative research in ELT secara online selama pandemic

(Okay, then let's go to the next question, in your opinion, what are the benefits of using the telegram application in online Quantitative research in ELT courses during the pandemic?)

I-8 : Ooowh pertama tama, mudah berkomunikasi melalui chat atau juga mudah berbagi informasi tertentu setelah itu memudahkan eee kita dalam eee mengirim-ngirim link tugas dan sebagainya kalau diminta itu setelah itu filenya aman dan memiliki berbagai banyak fitur kita bisa mengirim video dalam ukuran besar setelah itu kita bisa mengirim voice note didalam telegram tersebut kak atau didalam telegram tersebut. Filenya aman dan tersimpan jadi kita tidak perlu merasa kwatir jika kehilangan filenya setelah itu kita bisa video call dalam jumlah yang banyak setelah itu kita muda berkomunikasi setelah itu notifnya lebih cepat masuk dari aplikasi lain.

(Ooooh first of all, it's easy to communicate via chat or also easy to share certain information after that it makes it easier for us to eee send assignment links and so on if requested after that the file is safe and has many features we can send videos in large size after that we you can send voice notes in the telegram, bro or in the telegram. The files are safe and stored so we don't have to worry if we lose the files after that we can video call in large numbers after that we are easy to communicate after that the notifications come in faster than other applications.)

b. Weakness of Telegram

1. Having Trouble Sending Videos Because You Have to Stay in The Video Column

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 1 (I-1) and informant 7 (I-7). It can be seen from the informant 1 on Saturday, January 8th 2022 at 20.19 PM. And informant 7 (I-7) on Saturday 22th at 10.01 AM the result was:

R ; Iya, kekurangan atau kelemahan aplikasi telegram tersebut saat proses pembelajarn Quantitative menurut nelda apa saja?

(Yes, what are the shortcomings or weaknesses of the Telegram application during the Quantitative learning process?)

I-1 ; Yang pertama itu seandainya kita mengirimkan video utuh giitu, kalau seandainya kita keluar dari aplikassi itu nantik tidak terkirim gitu kak, jadi kita harus menunggu dulu video yang akan kita kirim atau gambar yang akan kita kirim, baru kita bisa keluar dari aplikassi tersebut kak.

(The first one is if we send the full video like that, if we leave the application, we will wait for it to not be sent, sis, so we have to wait for the video that we will send or the picture that we will send, then we can exit the application, sis.)

R ; Oowh begitu, yaya, kalau selama perkuliahan Quantitative secara online yang mana sebelumnya kita bahas kelebihanannya kalau sekarang kelemahannay apa aja terhadap penggunaan aplikassi khususnya pada mata kuliah Quantitative rsearch in ELT?

(Oh, I see, during the online Quantitative lecture, which previously did we discuss the advantages, now what are the weaknesses in using the application, especially in the Quantitative Research in ELT course?)

I-7 ; gabisin kuota gitu kak, mislannya kalau di

aplikasi lain kan biasanya terjeda aja kak, tapi kalau di telegram ini harus ulang lagi dari awal kak, dan ketika ngirim sesuatu kita harus saty di kolom chat gitu kak, di group itu kak, kalau kita keluarkan nantik ngulang lagi downloadnya kak.
(If the weakness is in the signal, Sis, for example, the signal is interrupted, Sis, so you download it again from the beginning, Sis, so it consumes a lot of quotas, Sis, for example, in other applications, it usually pauses, Sis, but on Telegram, you have to start again from early, sis, and when we send something, we have to be in the chat column, sis, in that group, sis, if we take it out, wait for it to download again, sis)

2. Telegram App Storage Takes Up a Lot of Space

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 2 (I-2). It can be seen from the informant 2 on Saturday, January 8th 2022 at 20.19 PM. the result was:

- R : Menurut saudara selama perkuliahan Quantitaive secara online, apa saja kelemahan atau kekurangan terhadap penggunaan telegram tersebut
(In your opinion, during Quantitative lectures online, what are the weaknesses or shortcomings of using the telegram?)
- I-2 : Penggunaan telegram itu, ukuran telegramnya itu kak, cukup besar jadi banyak memakan penyimpanan
(Using the telegram, the size of the telegram is big enough, so it takes up a lot of storage)

3. Bad Signal

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 3 (I-3) informant 5 (I-5) informant 6 (I-6) and informant 7 (I-7) It can be seen from the informant 3 (I-3) 7 (I-7) on Saturday 22th at 10.01 AM the result was:

- R ; Selama perkuliahan Quantitative secara online, menurut saudara apa saja kelemahan dan kekurangan

aplikasi telegram dalam mata kuliah Quantitative research in ELT?

(During online Quantitative lectures, what do you think are the weaknesses and shortcomings of the telegram application in the Quantitative research in ELT course?)

- I-3 ; Kelemahan dalam menggunakan aplikasi telegram mungkin kak, kan kalau dalam telegram itu kak, kan kalau di telegram itu untuk melakukan pengunduhan itu cukup lumayan lama kak, apabila signalnya jelek, tapi kalau di wa kan kita bisa cepat ngunduhnya gitu kak, jadi kelemahannya itu pada sinyal nya gitu kak, tergantung pada kekuatan sinyal gitu kak.

(Weaknesses in using the Telegram application, maybe Sis, in Telegram, Sis, it takes quite a long time to download it, Sis, if the signal is bad, but if it's Wa, we can download it quickly, Sis, so the weakness is in the signal. It's like that, bro, it depends on the signal strength, bro.)

- R : Selama perkuliahan quantitative secara online apa saja kelemahan yang dirasakan dengan menggunakan aplikasi telegram secara online dalam mata kuliah Quantitative research in ELT?(During online quantitative lectures, what are the disadvantages of using the online telegram application in the Quantitative research in ELT course?

- 1-5 : Permasalahannya ada pada signal nya kak, soalnya signalnya kadang ilang timbul ilang timbul gitu kak, terus juga paket data yang harus ada kalau online kak.

(The problem is in the signal, sis, because the signal sometimes disappears, appears and appears, bro, and also the data package that must be available when online, sis.)

- R : Oo Selama perkuliahan Quantitative secara online apa saja kelemahan atau kekurangan terhadap penggunaan aplikasi pada perkuliahan Quantitative

research in ELT menggunakan aplikasi telegram tersebut?

(Oo During online Quantitative lectures, what are the weaknesses or shortcomings in using the application in Quantitative research in ELT lectures using the telegram application?)

I-6 : Itu tu lebih ke bukan ke aplikasi kak, tapi lebih ke jaringan internet gitu kak, kalau untuk aplikasinya dirasa sudah bagus sih kak.

(That's more of an application, bro, but more to the internet network, bro, if you think it's good for the application, bro.)

R : Oowh begitu, yaya, kalau selama perkuliahan Quantitative secara online yang mana sebelumnya kita bahas kelebihanannya kalau sekarang kelemahannya apa aja terhadap penggunaan aplikasi khususnya pada mata kuliah Quantitative research in ELT? (Oh, I see, during the online Quantitative lecture, which previously did we discuss the advantages, now what are the weaknesses in using the application, especially in the Quantitative Research in ELT course?)

Kalau kelemahannya itu di sinyal gitu kak, misalnya sinyal itu terganggu kan kak, jadi ulang lagi dari awal ngunduhnya kak, jadi banyak ngabisin kuota gitu kak, mislannya kalau di aplikasi lain kan biasanya terjeda aja kak, tapi kalau di telegram ini harus ulang lagi dari awal kak, dan ketika ngirim sesuatu kita harus saty di kolom chat gitu kak, di group itu kak, kalau kita keluarkan nanti ngulang lagi downloadnya kak.

(If the weakness is in the signal, Sis, for example, the signal is interrupted, Sis, so you download it again from the beginning, Sis, so it consumes a lot of quota, Sis, for example, in other applications, it usually pauses, Sis, but on Telegram, you have to start again from It's the beginning, Sis, and when we send something, we have to be in the chat column, Sis, in that group, Sis, if we take it out, wait for the download again, Sis.)

4. Spend A Lot of Quotas

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the

informant 7 (I-7) It can be seen from the informant 7 (I-7) on Saturday 22th at 10.01 AM the result was:

R ; Oowh begitu, yaya, kalau selama perkuliahan Quantitative secara online yang mana sebelumnya kita bahas kelebihanannya kalau sekarang kelemahannya apa aja terhadap penggunaan aplikasi khususnya pada mata kuliah Quantitative research in ELT?

(Oh, I see, during the online Quantitative lecture, which previously did we discuss the advantages, now what are the weaknesses in using the application, especially in the Quantitative Research in ELT course?

I-7 ; Kalau kelemahannya itu di sinyal gitu kak, misalnya sinyal itu terganggu kan kak, jadi ulang lagi dari awal ngunduhnya kak, jadi banyak ngabisin kuota gitu kak, mislannya kalau di aplikasi lain kan biasanya terjeda aja kak, tapi kalau di telegram ini harus ulang lagi dari awal kak, dan ketika ngirim sesuatu kita harus saty di kolom chat gitu kak, di group itu kak, kalau kita keluarkan nanti ngulang lagi downloadnya kak

(If the weakness is in the signal, Sis, for example, the signal is interrupted, Sis, so you download it again from the beginning, Sis, so it consumes a lot of quotas, Sis, for example, in other applications, it usually pauses, Sis, but on Telegram, you have to start again from early, sis, and when we send something, we have to be in the chat column, sis, in that group, sis, if we take it out, wait for it to download again, sis)

5. Too Easy for Strangers to Get Our ID

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 4 (I-4) and informant 8 (I-8) It can be seen from the informant 4 (I-4) on Friday January 15th 2022 at 13.55.PM and Informant 8 (I-8) on Saturday 22th 2022 at 10.01 AM and the result was:

R : Okey, selanjutnya kita lanjutkan ke pertanyaan selanjutnya selama perkuliahan Quantitative secara

online menurut rahmah apa saja kekurangan atau kelemahan terhadap penggunaan aplikasi telegram ini pada mata kuliah Quantitative research in ELT?

(Okay, then we move on to the next question during online Quantitative lectures according to Rahmah, what are the shortcomings or weaknesses in using this telegram application in the Quantitative research in ELT course?)

- I-4 : Kalau kelemahannya itu kita tidak bisa menandai atau kayak biasanya kita kan kita kalau menggunkan aplikasi WA itu kan kita bisa menandai atau menyematkannya di atas, cuman kalau di telegram itu tidak bisa, yang kedua telegram itu mudah untuk orang lain dapat link kita, jadi kalau orang lain pernah nyimpan nomor kita orang mudah mengakses nomor kita, kita juga bisa masuk group tanpa mengizinkan orang lain mengundang kita ke dalam group tersebut.
(If the weakness is that we can't mark or like we usually do, if we use the WA application, we can mark or pin it above, only if it's not possible on Telegram, the second telegram is easy for other people to get our link, so if someone others have saved our numbers, people easily access our nomor, we can also enter groups without allowing other people to invite us into the group.)

R : Mmm berarti kita juga harus punya oowh penyimpanan yang lebih besar begitu ya dik ya?

- I-8 : Iya Terus kalau untuk link oowh mungkin bisa kak, untuk jadi mudah mendapatkan link yang illegal kak
(Yes. Then for the oowh link, maybe you can, to make it easier to get illegal links, bro)

6. Application Sometimes Does Not Show Notification

Based on the first interview did to the informants, the researcher found students opinion. It can be seen from the informant 5 (I-5) it can be seen from informant 5 (I-5) on Monday January 17th 2022 at 16.00 PM and the result was:

R : Ada gak kelemahan mendetailnya dalam penggunaan telegram aplikasi dalam proses pembelajaran

Quantitative research in ELT?

(Are there any detailed weaknesses in the use of telegram applications in the Quantitative research in ELT learning process?)

- I-5 : Penggunaan telegram itu, ukuran telegramnya itu kak, cukup besar jadi banyak memakan penyimpanan
(Using the telegram, the size of the telegram is big enough, so it takes up a lot of storage)

B. Discussion

Based on the findings above, the researcher found 8 people who had opinion in the use of telegram application in online learning: A case of Quantitative research in ELT, Then after an interview with them there were several opinion about strength and weaknesses of using telegram application in online learning: A case of Quantitative Research in ELT. First student's opinion about the Strength of telegram application in online learning: A case of Quantitative Research in ELT. they are: 1) Easy to submit assignment 2) Easy to communicate via chat or voice note 3) Can video call in large Quantities 4) Easy to send video 5) Easy to access information 6) Notification on telegram go faster 7) Can send a file in large capacity 8) Save files storage. And next students opinion about the weakness of using telegram application in online learning: A case of Quantitative research in ELT. They are: 1) Having trouble sending videos because you have to stay in the video column 2) Telegram App storage takes up a lot of space 3) bad signal 4) Spend a lot of Quotas 5) Too easy for strangers to get our ID 6) Application Sometimes does not show notification.

Research by Kusuma & Suwartono, (2021) she found 4 benefits from the use of telegram application in online learning: (1) it is a cloud-based messenger that can be accessed from several devices at once, (2) it can share any types of photos, videos, and files, (3) the data can be kept in the cloud, and (4) it can be used in the field of education and other different fields. The similarities of previous research with this research are: it can share any

types of photos, videos and files. It can be seen from the transcript interview with informant 2. It also stated by (Yinka & Queendarline, 2018) she found the benefit of telegram application there are: 1. Multiple platforms: smartphones (Operating system, Android), PC, Laptop, iPad, Tab, and Web. 2. Compatible file format: jpg, audio, movie, pdf, excel, word, PowerPoint. 3. Large files transfer. 4. Grouping facilities: 1000 members, access to old/past messages, members add members. 5. Better storage capacity and management 6. Better memory system and management 7. Better security with the encryption. One of them similarities with previous research. The benefit are the telegram can send a file in large quantities.

CHAPTER V

CONCLUSION AND SUGGESTION

A. Conclusion

This research conclude there are two opinion about using telegram application in online learning. First opinion about strengthsof using telegram application in online learning: A case of Quantitaive Research in ELT and the opinion about the weaknesses of using telegram application in online learning: A case of Quantitative Research in ELT class. The opinion about the strengths are: 1) Easy to submit assignment 2) Easy to communicate via chat or voice note 3) Can video call in large Quantities 4)Easy to send video 5) Easy to acces information 6) Notification on telegram go faster 7) Can send a file in large capacity 8) Save files storage. And Opinion about the weakness are: 1) Having trouble sending videos because you have to stay in the video coloumn 2) Telegram App storage takes up a lot of space 3) bad signal 4) Spend a lot of Quotas 5) Too easy for strangers to get our ID 6) Application Sometimes does not show notification.

B. Suggestion

1. Lecturer

The researcher suggests that lecturers can adapt the learning process to the current online situation and use the telegram application as flexibly as possible in order to achieve learning targets.

2. Students

Researchers suggest that students can adjust as quickly as possible to the conditions or atmosphere of online learning and can use online learning applications, especially Telegram.

3. Next Researcher

For the next researchers who want to conduct research on the same topic, they can add other variables, for example Student's difficulties toward the use oftelegram application in online learning: A case of Quantitative Research in ELT.

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