

## *The Role Of Technology On Students Assignment Completion: Study Conducted At Muhammadiyah Manadouniversity*

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**Abstract:** *Technology can be explain as a scince to produces the art of craft or skill. Most people in this world have a good grip with technology. The aims of this reasearch is to examine the effectiveness of technology on to help students assignment completion in English subject Muhammadiyah Manado Universities. This research acumulate the data by semi-structured interview is finding qualitative research, this study employed a blend of closed- and open-ended questions, often accompanied by follow-up why or how questions. About one hour is considered a reasonable maximum length for SSI. The target population is 10 technology user students at Muhammadiyah Manadi Universities. This research concluded the technology is effectifly be participation tool in the classroom with teachers who help to the success of the implementation of technology in the class, the students have positive response is to be a conclusion toward the use of to learn. According to the students it can minimize the mistakes in doing the task, enable them to finish the tasks in shorter time and increase their self confidence in expressing the ideas.*

**Keywords :** *Technology rule on student assignment completion*

**Abstrak:** Teknologi dapat dijelaskan sebagai ilmu untuk menghasilkan seni kriya atau keterampilan. Kebanyakan orang di dunia ini memiliki pegangan yang baik dengan teknologi. Tujuan dari penelitian ini adalah untuk menguji keefektifan teknologi dalam membantu penyelesaian tugas mahasiswa mata kuliah Bahasa Inggris di Universitas Muhammadiyah Manado. Penelitian ini mengumpulkan data dengan wawancara semi-terstruktur menemukan penelitian kualitatif, penelitian ini menggunakan campuran pertanyaan tertutup dan terbuka, sering disertai dengan tindak lanjut mengapa atau bagaimana pertanyaan. Sekitar satu jam dianggap sebagai durasi maksimum yang wajar untuk SSI. Populasi sasaran adalah mahasiswa pengguna teknologi di Universitas Muhammadiyah Manadi sebanyak 10 orang. Penelitian ini menyimpulkan bahwa teknologi efektif menjadi alat partisipasi di kelas dengan guru yang membantu keberhasilan penerapan teknologi di kelas, siswa memiliki respon positif yang menjadi kesimpulan terhadap penggunaan untuk belajar. Menurut siswa dapat meminimalisir kesalahan dalam mengerjakan tugas, memungkinkan mereka menyelesaikan tugas dalam waktu yang lebih singkat dan meningkatkan rasa percaya diri dalam mengungkapkan ide.

**Kata kunci :** Kaidah teknologi dalam penyelesaian tugas siswa

### **I. Introduction**

One of the technology roles in education is to help the student with get any information even improve their english abiities with any ways when their think something new and looking for inpiration. Technology is a powerful tool to upgrades the quality and efficiency of education, especially for student. The training based on technology have some features such as: distance education, flexibility, interaction, active learning, cooperation and motivation (Farajollahi & Sanaye'i, 2009) What makes the important distinction between E-learning and the other method are: the diversity of content, the large number of audiences, different learning styles, and the different needs of users.

Most of student at Muhammadiyah Manado Univesity have a problem in completing an assignment, especially with English. By technology most softwere aplication on the handphone extremly help to connecting people in every where and every time. The lecture demanded to give good answer even an explanation to students questions both inside the room

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and outside. Each student is given time to ask questions when finding a problem when complete the assignments, giving time here defines the limits of students in asking so students must think intelligently what things are worth to ask and what they are actually able to think about. According to Zahra Jabal-Ameli Forushanb, Fariba Haghani, Fakhteh Mahini ( 2012) “There are many ways in which technology can be used in the classroom to engage students and facilitate exciting, engaging and interesting lessons”

Most lecture make much assigment by training with aims to improve of temporization and regardless of its relationship with the lesson; on the other hand because of the high number of learners these assignments are not evaluated or considered at all so they not only have no positive effects on learning, but also educate irresponsible people. In this method no attention is paid to individual's needs, talents, interests and differences.

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## **II. Research Method.**

This research using a qualitative method futhermore focusing on group study. The class be considered a pioneer, conducting focus group studies gave participants for the first time after the implementation the opportunity to give the students opinion and to discuss about their idea. This research use private time to focus on interviews common method to obtain qualitative data.

With semi-structured interview (SSI) method is most often research used in the social sciences. While a structured interview has a rigorous set of questions which does not allow one to divert, a semi-structured interview is open, allowing new ideas to be brought up during the interview as a result of what the interviewee says. The interviewer in a semi-structured interview generally has a framework of themes to be explored.

The target population is 10 student divided by the frequently of the technology user they are;

| No | Name               | Gender | Date Of Interview |
|----|--------------------|--------|-------------------|
| 1  | Rasnun Uli         | F      | 25 April 2023     |
| 2  | Tiara Dila         | F      | 25 April 2023     |
| 3  | Siti Mamonto       | F      | 25 April 2023     |
| 4  | Firda Lamate       | F      | 25 April 2023     |
| 5  | Chealsea P Aprilia | F      | 25 April 2023     |
| 6  | Sugandi            | M      | 25 April 2023     |
| 7  | Akmal Bilmona      | M      | 25 April 2023     |
| 8  | Muhammad Fajrin    | M      | 25 April 2023     |
| 9  | Musnabil Mahimbang | M      | 25 April 2023     |
| 10 | Putra Raufat       | M      | 25 April 2023     |
| 11 | Indrawan           | M      | 25 April 2023     |

*Tabel 1.01 Population and sample list.*

The present study explores following the questions for interview the student to get the questions following the role of the technology in assignment completion. There are ;

1. How you explain progress of the technology to complete students assignment?
2. What is your opinion about the lecture role when applied the technology to complete students assignment ? please explain the procedure !
3. When you explore your smart phone or laptop to complete your assignment, how you get some easiness with that technology?
4. What will you do with technology in the classroom?
5. Explain how the technology help you in complete your assignment?

### **III. Result And Discussion.**

The Propose of this research is to find the effectiveness of technology, and how the technology help to complete students assignment. By using semi- structure interview technique this research interviewed 10 students as a user of technology in the teaching learning process with categorizing data sequences into patterns, basic categories and units of descriptions, distinguishes from interpretation.

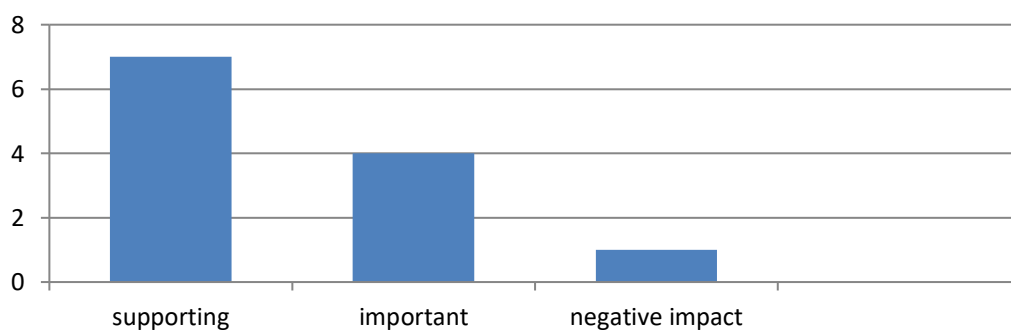
The resarcers find English as a foreign languages is a causes of the generally problems to completed their assignment futhermore, the teachers helped by technology to help complete student assignments by guiding and preparing some kind of technology such as leptop, smartphones, LCD and speakers in teaching and learning activities. By using technology help the teacher get more attention from students, to make them interested in completing assignments, especially English assignments. (Shutkin,2004). When the

technology applications are integrated into the learning environment these applications support capacity learning.

After intervied process wit (SSI) metode this research found the result has categorized into several patterns in order to describe how technology could be effective in students assignment completion. According to Patton (in Lexy J. Moelong, 2010: 280) data analysis techniques is the process of categorizing data sequences, organizing them into patterns, basic categories and units of description, he distinguishes it from interpretation that give a significant meaning to the analysis, explain the description patterns and look for relationships between the dimensions of the description.

**Questions 1 : How you explain the progress of technology to complete students assignment?**

Diagram 4.1 response of question 1

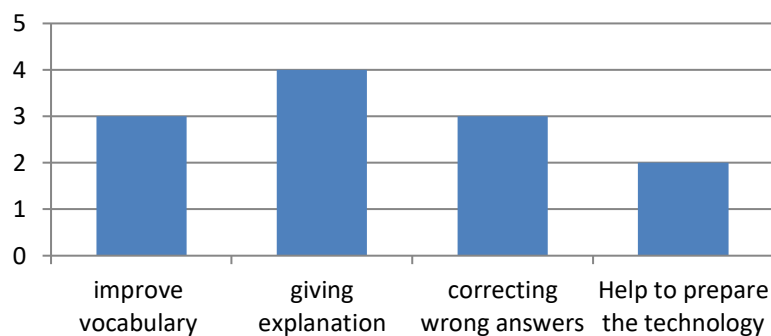


After categorizing students explanation abot the progress of technology in completing their assignments the 7 samples of 10 population said the technology advances support the completion of student assignments and 4 students think the role of technology is important in completing tasks while 1 student think tecknology have a negative impact. Technology has an important role when helping students complete assignments (Futurelab, 2009) Technology supports the need for divergent learning approaches, helping to create a sense of community as well as a meaningful experience When technology applications are integrated into the learning environment these applications support capacity learning (Shutkin, 2004) the technologycan be negative impact for the students when the lecture yet catch a role to guiding when the students use technology inside or outside the classroom in the teaching and learning process. The technology could be negatively for education through four paths: deteriorating students' competences of reading and writing, dehumanizing educational environments, distorting social interactions between teachers and students and isolating individuals when using technology. (Dr. Khadija Alhumaid. 2019) said the technology will be

negative impact to education through four paths: deteriorating students' competences of reading and writing, dehumanizing educational environments, distorting social interactions between teachers and students and isolating individuals when using technology.

**Question 2 : What is your oppinion about the lecture role when applied the technology to complete students assignment ? Explain the prosedure !**

*Diagram 4.2 response of question2*



3 students said the teacher played a role in helping students complete assignments by improving vocabulary for 3 students, giving explanation, 4 students correcting wrong answer, 3 students and preparing the technology for 2 students, this question is about “students experience, to see how the role of your teacher in helping them to complete the assignment using of technology” in this section the lecture plays an important role in using of technology for solutions and better understanding than usual. As a lecture and researcher in this section, helping and introduce students to how to complete assignments and materials through technology such as laptops, smartphones and projectors. Here, the role of the lecture, prepares everything to operate the several roles of technology in providing material and its solutions, and explains better each question from each student.

The lecture is the intermediary between technology and students, teacher can help motivate and provide technological means to achieve independent students with curiosity, for which the internet provides the answer. Lectures talked about motivation from a number of different perspectives, Some mentioned motivation with respect to working in a specific subject area, for example, a greater willingness to write or to work on computational skills, (Satroop Dhanda.2015).

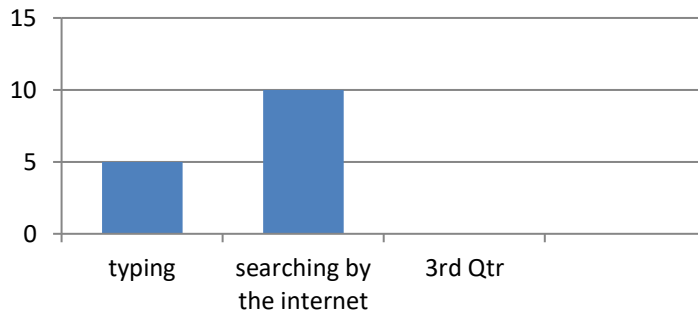
Using of modern technology in teaching English is broadly understood to encompass an innovative application of methods, tools, materials, devices, systems, and strategies which are directly relevant to English language teaching and lead to the achievement of the desired

goals. Thus, while technology is now generally accepted as an important educational and auxiliary tool across a range of teaching and learning contexts, it is particularly true of English language teaching since it affords a number of potential opportunities to enhance both the content and delivery of the pedagogies typically associated with traditional English language instruction. This is primarily achieved by enabling the student and/or teacher to revisit problematic content time after time until it is fully understood and assimilated. Familiarity with the concept of using modern technology is not merely limited to the use of modern appliances and devices, but rather obtains to the introduction of innovative systems and methods of teaching which facilitate faster and more comprehensive learning progression. According to prevailing pedagogical theories, in utilizing the learning potential of technology students are better able to acquire and hone their language knowledge and skills. The use of technology in teaching English consolidates the integrated view of the modern means system and association with other components which benefits students by achieving the required results, (Alqahtani Mofareh A 2019).

Roblyer (2006) conveys several ways for technology to encourage students' motivation. First is by getting their attention towards learning materials and exercises, especially through the visual and interactivity features of technology. Second is the automation or the usage of artificial intelligence to support manual activity such as word correction and calculations. Third, technology can deliver good authentic illustration of the real-world to make students aware of the values and benefits that they will earn in the future from learning the materials. Forth, technology encourage student to be more engaged in learning activities and proud of their works.

Motivation is very important in having student centered learning. Student-centered learning refers to a learning activity which let students have more portions of control and role in teaching and learning process, because it makes them more independent and active in the classroom.

**Question 3 : When you explore your smart phone or laptop to complete your assignment, how you get some easiness with that technology?**

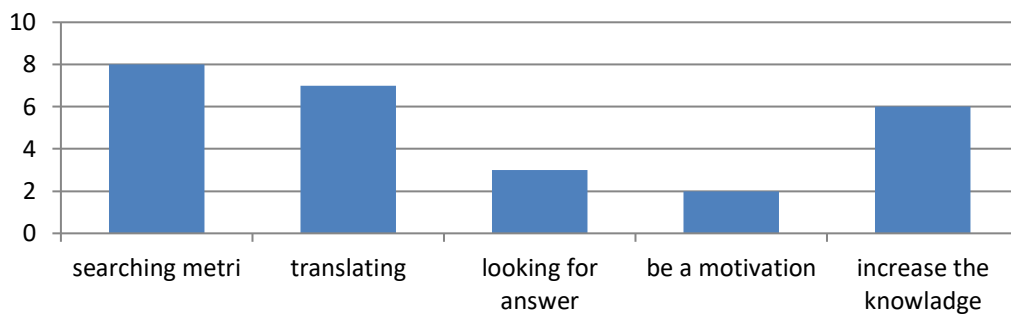
*diagram 4.3 response of question 3*

All of the students explained the technology is very helpful when completing their assignment when they searching answers or material by searching by internet, and 5 of them find it helpful to typed their assignment. These results explain that how students helped to complete assignments using technology in the internet. The students feel that the role of technology plays to helping them for search the material and even answers the questions they don't know, even technology such as leptop or certain applications in smartphones helps paint without books and pens. It was stated by ( Zahra Jabal.2012 ) Computer technology as a tool, develop thinking skills, inclusive education, and helps them to become involved in complex issues, develop approaches to solve problems in group and individual accountability for increasing their learning.

According to the results of (M. Betül YÖlmaza & Feza Orhana. 2010) as a research, the Internet for preparing assignment is 75.9%, while their ratio regarding surfing on the Internet for studying is 72.4%. As for the surface students, their ratio regarding use of the Internet for preparing assignments is 62.1%, while their ratio regarding surfing on the internet for study is 58.4%. Technology is a tool that helps students complete individual or winding tasks. And Queted from “(Jack Rhoton and Patricia Shane,2006) Wenglinsky concluded that how computers are used in the classroom represents an important factor in student achievement (Wenglinsky 1998).

**Question 4 :What will you do with technology in the classroom?**

Diagram 4.4 response of question 4



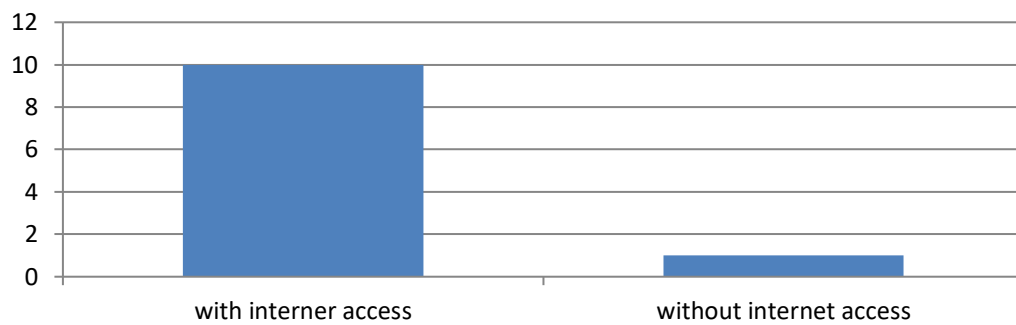
There are 5 main things the students will do ; for search the material or references, looking for new things that students want to know or translating even searching answers to assignments and some students stated that they were motivated to study hard. The diagram above explains that when the lecture provided an opportunities for students to use technology in teaching and learning process.

6 students said they would use a smartphone to help them translated and search for the material by via internet, 3 of whom added to find answers to any questions they did not understand. Only 2 students will only use it to search for material. 2 students stated again that technology can help to motivate them to complete assignments, with 6 students saying that allowing them to use cellphones in the classroom can increase their knowledge by finding more about what they do not understand.

This result there are many positive things that students have when try to find something when technology be applied in the teaching and learning activities. (Erich, Spote, Sebring, & the Consortium on Chicago Schools, 2013). Some students will found the capability when use technology, as well as the access where ever they are, and many of those utilize it for educational purposes. Including the motivated by the students to showing the real world technological applications, intrinsic value can be brought to the learning process, increasing interest and motivation (Usher & Center on Education, 2012), this also stated by (James Franci.2017) the students were more likely to engage in an activity simply because technology is being used.

**Question Number 5 : Explain how the technology help you in complete your assignment?**



*Diagram 4.4.*

According to the results of the interview revealed that internet access students extremely help the student in complete their assignment while 1 student helped even the device in offline mode with offline application or without the access of the internet. The students said about how the technology helped them to complete their assignment even help us of every question in their head. This section states that currently students are very addicted to technology. Where students directly with problem in contact the lecture with internet access, via WhatsApp and either by chatting, telephone, or video call. The smartphone as a once of technology are very helpful for teaching learning process, the students assignment even when their cant access internet some software application in smartphone and laptop suppose help the student complete their assignment. This means technology is very helped them to complete their own project.

Today, the most up-to-date information will obtained easily from the Internet. In order for the students to get well in education, the student demanded to be able with the Internet function to find accurate and precise information required for them as astudies. A study by Mitra et al. (2005), shows that 75% of the university students use the Internet to find information from the web. He also states that in developing countries like Asia, Africa and Latin America, the information obtained from the Internet is normally used to improve and develop the nations.

It can be result the technology effectively important role among the students when assist them in the teaching and learning process, especially in the case of complete their assignment as well as the results of the research from (Johan. et. al. 2013), that more students are relying on the Internet for their academic needs. The nation would benefit much if the students use the Internet properly and it is recommended that future studies should continue to monitor students' usage of the Internet. The Internet provides a large amount of information across various disciplines, including education. Based on the research it can be concluded that the Internet is very popular among students.

## **Discussion**

The technology role in assisting students to completing their assignments to mastering the material is very visible, each category proposed by the teacher as a researcher from the table in point 4.1, it is very clear that student activity in the learning and teaching process in using technology plays a very good role in the supporting category, that is important, typing, search by the internet, Search material of the subject, translating, looking for answer, be a motivation, Increase the knowledge, internet access, improve vocabulary, giving explanation, correcting wrong answers, help to prepare the technology tools are really helping them as a student, because only one student have a negative impact, and without internet access, the one student opinion refuted of (James Francis.2017) the students were more likely to engage in an activity simply because technology is being used.

The impact of the use of technology on education has been investigated by a number of researchers in different settings and contexts. Most of those studies shared a common finding that is related to the effectiveness of the use of technology in education and how it assists in developing teaching methods and students' knowledge (Frigaard, 2002; Schofield & Davidson, 2003; Miner, 2004; Timucin, 2006). Technology-enhanced education is becoming an increasingly important part of higher and professional education (Wernet, Olliges & Delicath, 2000). Technology not only gives learners the opportunity to control their own learning process, but also provides them with ready access to a vast amount of information over which the teacher has no power or control (Lam & Lawrence, 2002). However, in schools, teachers are seen to be active agents in the process of changes and implementation of new ideas as their beliefs and attitudes may support or impede the success of any educational reform such as the utilization of an innovative technology program.

In the teaching and learning process students look very active when the teacher is explaining the material. The activeness of students in the class in using the internet reaches all of them. It is also seen that when the teacher provides materials such as understanding in vocabulary and grammar, students are so enthusiastic about learning more when everything can be accessed by via internet. Almost all students seem to be proud in learning, students seem to be more active than without using today's technology. Table 4.1 also shows that students are very motivated in learning, looking for answers and improving knowledge, correcting correct and wrong answers, and asking questions among students. Crystal (2001) indicates that technology offers all students opportunities to learn in ways not previously possible. Its innovations have gone hand-in-hand with the growth of English and are changing the way in which we learn.

There are several features of technology that used in learning activity: audio, video, Computer assisted learning, projector, and word processor programs. Those features provide attraction to the students and can be used to teach the integrated skills of English there are listening, reading, speaking, and writing. Four skills of language cannot be separated cause of interconnected.

Harmer and Jeremy (2007) suggests about language skills divided into two types: receptive skills and productive skills. Receptive skills include reading and listening which are intended to absorb meaning of a text. On the other hand, productive skills are student's means to produce language through speaking and writing activity. This is in line with Brown (2001) idea that mankind has two productive performances which are oral and written, and has two receptive performances which are auditory and reading. It mentioned the roles of technology can mediate lectures to teach the receptive skills as well as productive skills. However, as a lecture demanded to be creative in providing learning activities through the use of these technologies.

Technology has always been an important part of teaching and learning environment. It is an essential part of the teachers' profession through which they can use it to facilitate learners' learning. When we talk about technology in teaching and learning, the word 'integration' is used. With technology being part of our everyday lives, it is time to rethink the idea of integrating technology into the curriculum and aim to embed technology into teaching to support the learning process. That is to say, technology becomes an integral part of the learning experience and a significant issue for teachers, from the beginning of preparing learning experiences through to teaching and learning process (Eady & Lockyer, 2013).

Pourhosein Gilakjani and Sabouri (2014) emphasized that through using technology, learners can control their own learning process and have access to many information over which their teachers cannot control. Technology has an important role in promoting activities for learners and has a significant effect on teachers' teaching methods. If teachers do not use technologies in their teaching they will never be able to keep up with these technologies. Thus, it is very important for teachers to have a full knowledge of these technologies in teaching language skills. Furthermore, Tomlison (2009) and Gençler (2015) say that computer-based activities provide learners rapid information and appropriate materials. They continue that internet materials motivate learners to learn more. In addition, Larsen-Freeman and Anderson (2011) supported the view that technology provides teaching resources and brings learning experience to the learners' world. Through using technology, many authentic materials can be provided to learners and they can be motivated in learning language.

The internet technology is changing languages partly because it gives rise to new vocabulary and more importantly because the users of this tool drive the language in certain directions. Using technology also helps students in mastering grammar, as well as in mastering skills such as reading, writing, listening and speaking. The role of technology in this research is very helpful for the development of students in the teaching and learning process and is also very helpful for teachers in the important role of students in learning.

#### IV. Conclusion

The technology is effectively a powerful participation tool in the teaching learning process. The students respond by texting their response to a number, and then live results can instantly be reviewed by the classroom. Technology plays an immense role in our day-today life so with the advancement of technology and accelerated use of computers, students can now have many relaxed avenues of finding help as well as applicable information to finish their homework. But somehow that is not just where it stops, this is the age of technology and students now have smart phone technology on their fingertips. This technology is no more just like a smartphone, it is much beyond than that. This has changed the way how students live their lives and now are also offering incredible support in assignment writing. That's teachers are key to the success of the implementation of technology in schools. The students have positive response is to be a conclusion toward the use of smartphone, laptop, and projector technology to learn. According to the students it can minimize the mistakes in doing the task, enable them to finish the tasks in shorter time, can increase their self confidence in expressing the ideas, and allow them to feel relaxed and happy during the lesson.

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