

CHAPTER I

INTRODUCTION

A. Background of Study

Computer technology is regarded to be a significant part of providing a high-quality education. A hundred numbers of technologies have been used for education over the centuries. The advance of technology has carried new trend of teaching language for preparing teachers with the situation. In order to be successful in teaching and learning, teachers should encourage students to find appropriate activities through computer (Harmer, 2007).

The advanced of Information, Communication and Technology becomes one of the essential parts in many aspects or fields in this century, especially for educational field for all levels. Several schools have been integrating ICT into their learning and teaching process for many years (Passey, *et al.*, 2016) because it has offered a lot of benefits for teachers and students, which could prepare them to face new global trend in education field that requires school practitioners to adjust modernism for their future.

As Allah said in the Holy Qur'an surah An-Naml verse 28-30:

أَذْهَبَ بِكِتَابِي هَذَا فَأَلْقَاهُ إِلَيْهِمْ ثُمَّ تَوَلَّى عَنْهُمْ فَانظُرْ مَاذَا يَرْجِعُونَ ﴿٢٨﴾

قَالَتْ يَا أَيُّهَا الْمَلَأُوْا إِنِّي أُلْقِيَ إِلَيَّ كِتَابٌ كَرِيمٌ ﴿٢٩﴾ إِنَّهُ مِنْ سُلَيْمَانَ وَإِنَّهُ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ ﴿٣٠﴾

Based on surah An-Naml verse 28-30 above, The Prophet Solomon (Sulaiman) PBUH has used a bird named hoopoe (hud) to communicate and deliver a letter to Queen Balqis that was separated away from him. It shows to us it is an advanced communication of technology in that era. Although Solomon PBUH only used a bird to deliver a letter, it eventually landed safely and the message has been read by the Queen Balqis. We can relate this verse into the advanced of technology and communication nowadays, especially for this research, what The Prophet Solomon did in that era was something that could help people to exchange information to each other or communicate to other people without sending other people to deliver the letter which may need a few days to be delivered. We could use these verses of Qur'an to describe what the world is facing, a new way of communication and exchange information in a short period of time, which it means this story is the sign of advanced technology of communication in The Prophet Solomon's era.

As cited in Pendi (2020) according to the attachment of Permendiknas No. 19 in 2005 about Education National Standard, professional

competencies of teachers are consisted of mastering the material/subject, developing the material/subject, and implementing ICT in classroom. The result showed that the teachers are in good category because they could deliver the material/subject like tenses and vocabulary clearly to the students also they used ICT tools like Infocus, video, and speaker as well. The implementation of ICT in schools also shows the change of transferring information from traditional teaching (teacher-centered approach) to modern teaching (students-centered approach) (Voogt, 2010), which modern teaching is believed could improve teachers' teaching quality and improve students' abilities, it provides students for a better education as well (Wang, 2022).

In order to render a preparation for teachers' technology competences, there are several universities in Indonesia provide some technology-related course. For instance such as Computer-Assisted Language Learning (CALL), Information, Communication and Technology (ICT), and Mobile-Assisted Language Learning (MALL). International Society for Technology in Education (ISTE) identified several standards for teachers' computer ability to integrate technology in teaching and learning process. The standards may include technology-effectiveness in teaching and the promotion of digital citizenship to develop students' creativity (Baturay & Gokcearslan, 2017).

Teaching by using technology might seem intelligent for some people, but the traditional methods cannot be unseen. Teachers need to combine it

together or adjust the context to the tools. Although a number of studies have revealed teachers and students' positive attitude toward technology, it would be better if teachers could examine the appropriate context and adjust it to technology in order to avoid the tiresome classroom. Dani and Reza (2018) have highlighted that computer-based activities provide the learners with rapid information and appropriate materials by using internet.

Several studies revealed that most teachers have offered positive attitude toward computer-integrated into teaching, there are some teachers who do not accept technology-integrated (Kartchava & Chung, 2015). Akayoglu (2017) revealed the possibility teachers would offer such attitude is because they do not have any experience on it before. Since English teachers are the main figure for students' input in the classroom, the teachers must master the material. It is better if the teachers could teach the material with the ICT and have some basic skills in integrating ICT.

Although several studies have showed teachers offered positive attitude towards technology acceptance and integrate it to the classroom (Almekhlafi, 2016; Basoz, 2016), but teachers do not always end up using it effectively in the classroom (Baturay & Gokcearslan, 2017). This problem might be faced by several teachers because they have less experience of technological knowledge. Since teachers are expected to be able to operate computer or at least know how to integrate technology into the classroom, they need to be provided with technological knowledge in order to render a better English teacher. In the presence of technology, it is expected to be

able to support teachers in order to create a better learning process. In this case, it is better if the students have the same attitude over the integration of computer in teaching and learning process. If both sides have the same attitude, it must be convenient enough for teachers to transfer knowledge particularly technology knowledge.

In order to prepare Indonesian students into the next level of education or their future career, English language is one of the keys to set the future. In Alfarisyi (2021) stated that since English is considered as international language, the non-native English countries are required to speak English to be able to communicate with other people from different countries and be able to develop science or transfer any other kind of information to the public internationally. The development of implemented curriculums that Indonesian government had been used, especially 2013 Curriculum in Educational System of Indonesia, it is the requirement from the government to teach English in high schools. The government wants the students to have the encouragement to be able to compete with other people globally.

Technology in learning process is believed it provides the students multiple activities or applications which can assist them improve their language skills as well as their punctuation, grammar and spelling (Lai and Kritsonis, 2006). As the part of information, communication and technology, many applications have been made to help teachers and students in teaching and learning process. There are many researchers who have studied those applications in order to discover the results and purposes what they aimed to.

The findings revealed if students have positive attitudes toward technologies and applications that have made for teaching and learning process (Kahveci, 2010; Cakrawati, 2017; Abu-Ayfah, 2020).

In 2017, Milonm & Hasanand have stated that most of the students believed if technology has a lot of advantages and they tend to have positive perception if technology could improve their English skills in learning process. In addition, there has been revealed by the researchers that students use discussion forums to exchange information and get feedback to each other also they tend to spend more than two hours a day browsing the websites (Faizi, Chiheb, and El Afia, 2015).

In addition, Sarfo, *et al.* (2011) also showed that students in urban and rural area commonly have positive attitudes towards the ICT integration, but students in urban area showed positive attitudes higher than in rural area. In other word, it could be still considered that they have positive attitudes towards ICT integration in English learning activity.

According to preliminary research and experience, the researcher found SMAN 1 Angsana has several equipment of ICT that could support teachers to teach in modern way. In addition, the English teachers stated sometimes they would teach English in traditional way or use ICT tools, but mostly in traditional way. The researcher also would want to discover the students' perception towards ICT in their learning process because their perceptions are important to be included. Since the school is in a rural area, their perceptions towards ICT might different to teachers and students in the

city. It gave the researcher idea to discover English teachers' perceptions towards ICT integration, the students' perception towards implementing ICT in EFL classroom by the teachers also the difficulties of the teachers faced when they taught English using ICT.

B. Definition of Key Terms

In this section, the researcher communicates the meaning of several main ideas to emphasize important points of the research to the readers.

1. In-service Teachers

In-service teachers are considered as those who have bachelor degree behind their names and have experiences in teaching or the persons who give the learners knowledge or information about something. In this research, the researcher uses the term of in-service teachers for English teachers who taught English with more than five years experiences of teaching English, specifically in SMAN 1 Angsana.

2. Students

The people who are taught by the teachers whether it is in school or outside the school as long as they involve in learning and teaching activities. In this case, the students means the learners who are learning English in school and being taught by English teachers whether using technology equipment or traditionally.

3. Perception

The awareness or opinion of the people towards something happens in the environment through their senses. Perception in this case means the

thought and the attitude of what students and in-service teachers perceived towards using ICT in their experiences in English teaching and learning process as the equipment for encouraging them learning English and improving their language skills.

4. Information, Communication, and Technology (ICT)

ICT is the equipment that is required in many fields which providing, transferring, or processing the information into several forms such as texts, voices, data, and videos. ICT in this research means the equipment for teaching English using computer-based technology which is include computer or laptop, internet, LCD, speaker, etc.

C. Research Questions

1. What are teachers' perceptions toward the use of ICT in teaching English at SMAN 1 Angsana?
2. What are students' perceptions toward the use of ICT in teaching English at SMAN 1 Angsana?
3. What are the difficulties that English teachers face of using ICT in teaching English at SMAN 1 Angsana?

D. Research Objectives

This study aims to:

1. To explore teachers' perceptions toward the use of ICT in teaching English at SMAN 1 Angsana.
2. To investigate students' perceptions toward the use of ICT in teaching English at SMAN 1 Angsana.

3. To discover the difficulties that English teachers face of using ICT in teaching English at SMAN 1 Angsana.

E. Significance of Study

1. Theoretically

This study offers an insight of how students & in-service teachers' perceptions and barriers the teachers faced of using ICT in learning and teaching process in a rural area. In addition, this study will also provide the answers of the research questions.

2. Practically

a. Teachers

The result of this research could help the teachers to identify students' perception towards ICT in teaching and learning process and could adapt and develop the material by using ICT. As for the future English teachers, it is expected to be motivated to expand their understanding and experience on using ICT in teaching practice.

b. Students

The result of this research could enhance their motivation to learn English. By getting familiarized on digital tools or hardware of ICT, it is expected could develop their English skills by using available sources.