

## THE USE OF QUIPPER SCHOOL AS AN ONLINE LEARNING MEDIUM: A CASE STUDY OF YEAR TWELVE STUDENTS OF SMAN 8 MAKASSAR

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### Abstract

*This research aims to find out students' perception towards the use of Quipper School as an online learning medium and what are the advantages and disadvantage of Quipper School as a learning medium. This research applied a descriptive qualitative method. The data collection in this research was conducted by interviewing 30 students of SMAN 8 Makassar as the participants of this study. The result of this research found that there are several pluses such as: Free access video, show the right answer after the wrong one, ready to study material, easy to use and understand, concise and complete video explanation, has a feature that support the students to train their self with the tasks, quiz, and summary, and repeatable answer. For the minuses, the minuses of this application are network problem, pictures problem, freeze or bug, unclear explanations, and language problem. It can be concluded that Quipper School is easy to access and use, cost free, and useful for support online learning.*

**Keywords**—Quipper School, Students Perception

### INTRODUCTION

The advancement of science and technology has a significant impact on how the globe and human lifestyle are developing. Living in 20th century means living alongside with technology and it comes into lot of various ways with aim of helping support human life.

According to the latest findings of modern students whose prefer to use technology and how does it affect their learning, it turned out that the use of modern devices and technology improve student learning and interactivity. You will also find that it is much more interactive and fulfilling. The transfer of knowledge is become very easy, convenient, and effective. This means that our mind is now works faster if supported by digital technology tools. Now those are part of most of human life, including education. People dependence on technological innovation that makes their life easier and smooth journey is inevitable in modern schools, Universities and colleges (Raja & Nagasubramani. 2018).

Talk about technology in education means we talk about Information and communication and Technology (ICT). ICT is all of technology related with taking, acquisition, processing, retention, deployment, and information presentation (Darmawan, 2013). Due to preparing all education system to maximalist students' capability, of course, it cannot be separated from the latest technology digital equipment. That is why the solution of challenges in the technology education era is always linked with readiness of the human source, facilities, and infrastructure as the user of ICT.

We have learned about e-learning and the usage of ICT in education. E-learning, or electronic learning, first appeared in 1970. (Waller & Wilson, 2001). E-learning is a method of education that makes use of technology, the internet, and information. Teachers and students now have a fantastic opportunity to practice English and participating in educational activities

outside of the traditional classroom because of the advancement of information and communication technology.

Quipper School is an application that gave teachers access to excellent content that they didn't have to create themselves. The application may also aid students in learning at anytime and anywhere. For this reason, the author looked into how Quipper Schools may be used to teach English. The aims of this study is to find out student's perspective of using Quipper school in second grade of students in SMA Negeri 8 Makassar as a medium to do learning activities to see whether it can be an e-learning platform for teaching English and how effective it is.

## **LITERATURE REVIEW**

### **a. Learning Media**

Media is a form of communication. Examples of these media include instructors, computers, and movies. Examples of these media can be regarded as educational tools if they provide messages that support learning goals (Safei, 2001).

The use of learning media is undoubtedly crucial to the learning process, and teachers can greatly benefit from their use when disseminating knowledge to their students. The teacher uses a variety of learning media in the teaching and learning process, giving students new experiences so they can experiment with the teacher's media.

### **b. The Use of Internet as Learning Media**

Definition of Internet (interconnected networking) means computer networks that connected to each other. It is well known as combination of computer networks all around the world. Thus, internet is a worldwide interconnected computer network that form a global information network system (Supriyanto, 2009).

Internet not only used for communication but also used as learning media. Internet can help students doing their assignment and find new information. Internet has a huge influence toward education especially in learning process. With the availability of internet in school, students can improve their learning activity, do the homework and adding their own insight. Do learning activity through internet is known as e-learning.

### **c. Definition of E-Learning**

Due to Mason and Rennei (2009) by integrating services and learning support tools with content that is given digitally, e-learning is a powerful learning process. With the help of a computer and e-learning, students can learn at home without ever having to meet in person, this is can be called as distance learning or online learning. Online learning, virtual classrooms, and web-based learning are some titles that can be used to characterize the e-learning process.

Darmawan (2012) concluded that with e-learning schools easily can do beneficial teamwork through partnership program. Therefore the developed school can help underdeveloped school so even distribution can work on. Another superiority of e-learning is the availability of information from sources all over the world. With internet as a learning medium we will get an unlimited number of sources of information for material enrichment.

### **d. The benefits of E-learning**

The advantages of e-learning can be examined in greater detail from two perspectives, namely the perspectives of the student and the teacher (Ariani & Haryanto, 2010).

#### **1. From Students Point of View**

It is feasible to create a high degree of learning flexibility through e-learning activities. It indicates that kids have constant access to repetitive learning materials. Additionally, students can always communicate with their teachers. The student's mastery of the material can be strengthened under these circumstances.

## 2. From Teacher Point of View

With e-learning activity, there is benefits that the teacher can get, which are:

- a. It is easier to do the upgrade of learning material which is the responsibility of the teacher according to development demand of education nowadays.
- b. Self-upgrade or doing research due to increase teacher's knowledge since there is relatively lot of spare time.
- c. Controlling student learning activity. The teacher is able to know when the student is study, what they study about, how long the topic studied, also how many times the topic is repeated.
- d. Checking students' answer of the assignment and tell them the result.

### e. Main Features E-learning

Based on Coomey and Stephen-son (in Mason & Rennie, 2009), there are four main features of e-learning in practice, here:

1. Dialog
2. Involvement
3. Support
4. Control

### f. Definition of Perception

Through psychological processes, people can transform reactions into positive or negative thoughts depending on the information they have received through their five senses. This is referred to as perception, and responses are obtained through the processes of selection, interpretation, and reaction (Erin, & Maharani, 2018). The capacity to see, hear, or become aware of something through the senses is another way to define perception. It can be concluded that the students' perception is the student's opinion or thought of something, in this point is Quipper School.

### g. Types of Perceptions

Positive and negative impressions are divided into two categories by Irwanto in Shandi's thesis (2020):

- a. A positive perception is one that encompasses all information and actions that continue with the intention to use it. By activating, accepting, and sustaining the perceived item, this will continue.
- b. Negative perception is a perception that encompasses all information and actions that are in opposition to the perceived item. It will either move forward in a passive manner or reject and combat the seen item.

Thus, it can be claimed that perception will always influence someone in doing something both positive and the negative. whether positive perception or negative perception all relies on how individuals sum up all their information about an object that is perceived.

### h. Quipper School

Quipper school is online platform that can be accessed free of charge from teachers and students. Quipper School consists by two parts, first, Q-Link that designated for teacher, and second, Q-Learn that designated for students with tagline "Distribution of Wisdom" and has the goal of revolutionizing the way people in learning dan share knowledge utilise mobile internet. Those two part Q-Link and Q-Learn will connecting between teacher and students.

## METHODS

### A. Research Design

The research design use in this study is qualitative narrative research. This research is aiming to find out how different people experience, in this case is different experience using Quipper school and advantages and disadvantage of the application. According to Gay, Mills, & Airasian (2012), the goal of narrative research is to better understand how individuals see the world around them. It uses a methodology that enables participants to share the tales of their "storied life". Methods used in qualitative research are based on many assumptions. Utilizing time-consuming data gathering techniques like interviews and observation, researchers using qualitative methods must engage in extensive and close interaction with participants throughout the study in order to fully comprehend their viewpoint.

### B. Research Subject

The subject of this study are the year twelve students of SMA Negeri 8 Makassar. The researcher will choose 6 students out of 30 of the students from XII MIPA 2 of SMA Negeri 8 Makassar. The student chosen will come from 2 students from high rank consist of 1 male and 1 female, 2 students from middle rank consist of 1 male and 1 female, and 2 from low rank consist of 1 male and 1 female.

### C. Research Instrument

The instrument that used for data collection is interview. The interview aims to gather the students' perception about the use of Quipper School. According to Gay, Mills, & Airasian (2012), an intentional interaction in which one person seeks information from another is called an interview. To learn more about participants' experiences and emotions, interviewers can probe and delve into their answers. They can more easily assess attitudes, interests, sentiments, worries, and values.

## FINDINGS

This section summarized the results found by the researcher, such as the group of students based on their rank in the class, the question that were asked earlier, find out the students of XII MIPA 2s' perception of Quipper School and what are the advantages and disadvantage of Quipper School.

The following is a description of the student's perception of Quipper School. 5 questions were asked to the students to know about their opinion and 1 question was asked to know about the advantages and disadvantages of Quipper School, such as follow:

### 1. Students Perception

#### a. The Access of Quipper School Through Internet

Based on analysis of interview of the 6 students of XII MIPA 2 of SMAN 8 Makassar in 9 August 2022, the researcher found that there were kinds of answer given by the students based on the question "Was it easy to access Quipper School Through internet?". Students' perceptions are divided into three categories base on their rank:

- **High Rank Students:**

Extract 1 (students 1, 22 August 2022): "Mudah." (Easy)

Extract 2 (Students 2, 22 August 2022): "Iya, terkadang." (Yes, sometimes.)

• **Middle Rank Students:**

Extract 3 (Students 3, 22 August 2022): “Mudah, tetapi materi dalam videonya sulit dimengerti.” (Easy, but the material in the video was hard to understand.)

Extract 4 (Students 4, 22 August 2022): “Terbilang mudah.” (Can said easy.)

• **Low Rank Students:**

Extract 5 (Students 5, 22 August 2022): “Iya.” (Yes.)

Extract 6 (Students 6, 22 August 2022): “Iya, karena simple untuk digunakan.” (Yes, because it was simple to use.)

Based on the student’s answer above, it can be seen that all the participants from every rank found it easy to access Quipper School. It can be said that to access Quipper School, students do not need any special ability since it designed to be accessible for support learning activity.

**b. The Cost of Quipper School**

Based on the question “How much did Quipper School cost you?” the researcher found that there are kinds of answer given by the students. Students’ perceptions are divided into three categories base on their rank:

• **High Rank Students:**

Extract 1 (Students 6, 22 August 2022): “Cukup membeli kuota saya bisa mengakses Quipper.” (Just bought quota data I could access Quipper School.)

Extract 2 (Students 6, 22 August 2022): “Tidak ada, hanya menghabiskan kuota.” (Nothing, just ruined out quota.)

• **Middle Rank Students:**

Extract 3 (Students 3, 22 August 2022): “Lumayan banyak untuk membeli kuota buat menonton materi dalam video.” (Quite a lot for quota data for watched the material in video.)

Extract 4 (Students 4, 22 August 2022): “Itu gratis, karena akunnya dari sekolah.” (It was free, because the account was from school.)

• **Low Rank Students:**

Extract 5 (Students 5, 22 August 2022): “100 ribu untuk beli kuota.” (Rp.100.000 for bought quota data.)

Extract 6 (Students 6, 22 August 2022): “Biasanya Cuma 1gb/bulan atau 11 ribu.” (Usually just 1gb/month or Rp. 11.000.)

Based on the student’s answer above, it can be seen that the participants from every rank spent different cost for using Quipper school, most of them spent for bough quota data. Whereas it cost free for Quipper account since it was given by school just like the participant DE said.

**c. The Use of Quipper School**

Based on question “Did you think Quipper School is an easy application to use?” the researcher found that there are kinds of answer given by the students. Students’ perceptions are divided into three categories base on their rank:

• **High Rank Students:**

Extract 1 (Students 1, 22 August 2022): “Iya.” (Yes.)

Extract 2 (Students 2, 22 August 2022): “Iya, mudah.” (Yes, Easy.)

- **Middle Rank Students:**

Extract 3 (Students 3, 22 August 2022): “Iya, Karena soal-soalnya dalam bentuk pilihan ganda.” (Yes, because the assignment was in multiple-choice form.)

Extract 4 (Students 4, 22 August 2022): “Iya.” (Yes.)

- **Low Rank Students:**

Extract 5 (Students 6, 22 August 2022): “Iya.” (Yes.)

Extract 6 (Students 6, 22 August 2022): ““Iya.” (Yes.)

Based on the student’s perception above, it can be seen that there are no any difficulties in using Quipper School and the easiness of the application is experienced by all the participant from all rank.

#### **d. Difficulties in Using Quipper School**

Based on question “were there any difficulties in using Quipper School?”. The researcher found that there are kinds of answer given by the students. Students’ perceptions are divided into three categories base on their rank:

- **High Rank Students:**

Extract 1 (Students 1, 22 August 2022): “Kadang aplikasi tidak bisa masuk atau loading terus padahal jaringan aman.” (Sometimes application could not access or unstoppable loading even the network is fine.)

Extract 2 (Students 2, 22 August 2022): “Iya, ada. Ketika Quipper School tiba-tiba loading tanpa henti.” (Yes, there was. When Quipper School suddenly unstoppable loading.)

- **Middle Rank Students:**

Extract 3 (Students 3, 22 August 2022): “Jaringan kurang stabil mengakibatkan gambarnya lama baru muncul.” (The unstable network caused the pictures took a long time to appear.)

Extract 4 (Students 4, 22 August 2022): “Ada, hanya saja terkadang itu karena jaringan.” (Yes, there was. It was just because the network.)

- **Low Rank Students:**

Extract 5 (Students 5, 22 August 2022): “Tidak.” (No.)

Extract 6 (Students 6, 22 August 2022): “Tidak ada.” (Nothing.)

Based on the students’ answer above, it can be seen that 4 of them found difficulties. The difficulty was caused by bad network that effected another feature in the application such as the pictures that did not appear. The two other students from low rank said that they did not experience any difficulties along using Quipper School.

#### **e. Helpful for Students**

Based on question “Was Quipper School helpful for you as a student?”, the researcher found that there are kinds of answer given by the students as follow. Students’ perceptions are divided into three categories base on their rank:

- **High Rank Students:**

Extract 1 (Students 2, 22 August 2022): “Membantu, karena dapat membantu pembelajaran jarak jauh.” (Helpful, since it could help long distance learning.)

Extract 2 (Students 2, 22 August 2022): “Iya, membantu.” (Yes, helpful.)

• **Middle Rank Students:**

Extract 3 (Students 3, 22 August 2022): “Berguna jika sekolah dalam keadaan online atau daring.” (Helpful if school in online condition.)

Extract 4 (Students 4, 22 August 2022): “Iya.” (Yes.)

• **Low Rank Students:**

Extract 5 (Students 5, 22 August 2022): “iya berguna.” (Yes, helpful.)

Extract 6 (Students 6, 22 August 2022): “Iya.” (Yes.)

Based on students answers above, it can be seen that 5 of them said that Quipper School is helpful for the as a student and 1 of them detailed it that Quipper School is helpful for online learning. Also, can be seen that there is no specialization of rank of the students to felt the helpfulness of the application.

## 2. The Advantages and Disadvantages of Quipper School

Based on question “What were the advantages and disadvantages of using Quipper School from your own experiences? Especially in English subject?”, the researcher found that there are various answers given by the students, described as follow. Students’ perceptions are divided into three categories base on their rank:

• **High Rank Students:**

Extract 1 (Students 1, 22 August 2022): “Penjelasannya dari Quipper agak belibet dan tidak jelas sehingga saya kurang paham.” (The explanation is quite complicated dan unclear so I did not understand.)

Extract 2 (Students 2, 22 August 2022): “Kelebihannya dapat mempermudah saya untuk memahami materi. Kekurangannya bagi saya yang tidak pandai atau tahu Bahasa Inggris, saya kesulitan saat mengerjakan soal. (The advantage was could ease me to understand the material. The disadvantage was for the one who don’t know English, I found it hard to do the assignment.)

• **Middle Rank Students:**

Extract 3 (Students 3, 22 August 2022): “Kelebihannya jawabannya bisa dikerjakan berulang kali. Kekurangannya penjelasannya kurang dimengerti.” (The advantage was the answer is could be repeated. The disadvantage was the not understandable explanation.)

Extract 4 (Students 4, 22 August 2022): “Kelebihannya melatih saya untuk mengerjakan soal. Kekurangannya ketidak stabilan kualitas kata dalam bentuk gambar.” (The advantage was trained me to do the assignment. The disadvantage was the unstability of words in picture form.)

• **Low Rank Students:**

Extract 5 (Students 5, 22 August 2022): “Kelebihannya banyak penjelasan yang singkat. Kekurangannya kadang ada arti yang tidak sama dari yang dijelaskan guru.” (The advantage was lot of concise explanation. The disadvantage was sometimes there were meaning (of words) that different from what the teacher had taught.)

Extract 6 (Students 6, 22 August 2022): “Kelebihannya bisa mempermudah akses pembelajaran. Kekurangannya menurut saya tidak adaji.” (The advantage was could ease the access of learning. For the disadvantage, I think there was nothing.)

On the students’ answer above it can be seen that every of them gave various answer based on their experience and obviously they experienced different experience. For the rank, students’ experience of using Quipper School do not affected by the number of their rank.

## DISCUSSION

In this section, the researcher will discuss about students' perception and the advantages and disadvantage of Quipper School experienced by the students:

### 1. Students Perception

From the analysis result, on the first question about the easiness to access Quipper school through internet, the students gave the same perception. All the participants said it easy to access Quipper School, even the students from group low score learner felt it easy to access the application. The students found it easy to access Quipper School because they just have to download the application on their phone via Google Play and it is ready to use. Which is mean that the rank of the students did not really affect their ability to access Quipper School. This is relevant to the previous findings namely Pemanfaatan E-Learning Quipper School Oleh Guru Dan Siswa Untuk Optimalisasi Pembelajaran Di MAN 1 Ponorogo. The result showed that from 24 students, only 2 of them found difficulty in using Quipper School. It can be said more than 95% students can use Quipper e-learning (Buntoro et al., 2018).

On the second question about the cost of Quipper School, the participants from every rank spent different cost for using Quipper school, most of them spent for bought quota data. This application run quite a lot of quota data to watch materials in video form as participant MLH (rank 12). It cost them around Rp. 11.000-Rp.100.000. Students need to buy quota data to connect to internet since Quipper School only can use in online way. Quipper School itself actually a free application to use for students since the school facilitated it to support online learning as participant DE said. This is relevant to the research namely Menumbuhkan Kemandirian Siswa Belajar Matematika Berbantuan Quipper School. The researcher said that Quipper School is a learning medium with open source system which is can accessed free or no cost (Supriani, 2016).

On the third question about the use of Quipper School, from findings explained before, all the participants said it easy to use Quipper School. Can be seen that Quipper School is such an easy-to-use application, no need any special intelligence to understand it, very students from every rank can use it easily. This is relevant to the previous finding namely Pemanfaatan Quipper School di Kalangan Siswa SMA (Studi Deskriptif tentang Pemanfaatan Quipper School sebagai Media Pendukung Belajar Siswa di Madrasah Aliyah Negeri Jombang). The result showed that most of the students in MAN Jombang was accepted Quipper School as learning medium and had been well utilized with average score 4,05 for variable performance expectation (Uma, 2017).

On the fourth question about difficulties in using Quipper School, the participants gave the answer that internal difficulty was sometimes there was bug such as unstoppable loading and login problem as participants MII (rank 1) and NAA (rank 3) said. Another external difficulties caused by bad network and it effected another feature in the application as participants MLH (rank 12) and DE (rank 15) said. The bad network can cause picture problem for the application. This is in line with the result of a research namely Perception of Indonesian Teachers and Students on the Use of Quipper School as an Online Platform for Extended EFL Learning. The result said that the only obstacle revealed by the participants when using Quipper School was bad internet connection (Agustina & Cahyono, 2017).

On the fifth question, Helpfulness of Quipper School, as it explained above all of the participant said that Quipper School is helpful for them as a student especially when the learning process need to do in online way. Quipper School provides to support this kind of condition, when the learning process has to done from long distance. This is relevant to the previous findings namely The Effectiveness of using Quipper School Teaching Materials towards Students' Cognitive Outcomes of Eleventh Grade Students of MIPA. The result found that the Quipper School materials combination; animation, videos, images, and audio in teaching material made the students become more interested in learning (Mahariyanti & Suyanto, 2018).



After all, it can be said that all the students from every rank feel the same about Quipper School, which is useful.

## **2. Advantages and Disadvantages of Quipper School**

On the sixth question about the advantages and disadvantages of using Quipper School from students own experiences especially in English subject, Students gave various answer based on their experience and obviously they experienced different experience. Participant DE (rank 15) said that Quipper School is an application that can help students to train their self since there are lot of tasks and assignment that students can access anytime, participants MLH (rank 12) and FEP (rank 29) said that the repeatable answer and concise explanation ease the students to learn. This is relevant to the previous finding namely Students's Perception Towards the Implementation Of Quipper school as an E-learning Platform in Teaching English that found although the teacher is not present to give direct instruction, students still receive a lesson, and they can increase their proficiency in learning English by studying materials wherever and whenever they are. (Septinawati et al., 2020). However, Quipper School in English subject still become a problem for students who are not good at English. Misunderstanding and mistranslation are two of the problem. Participant NAA (rank 3) felt it hard because of the language barrier whereas participant FEP (rank 29) got a problem about mistranslation that the meaning from material from Quipper School and from teacher explanation was different. This relates to the earlier result on how teachers and students felt about the Quipper School's implementation in the English subject. The findings indicated that one research participant felt it was difficult for her to comprehend the example utilizing full English without any specific Bahasa Indonesian portions. She was unable to translate it since she was unable to copy the text (Rachma, 2021). The negative aspects of Quipper School's feature also include network and pictures issues. For the rank, students' experience of using Quipper School do not affected by the number of their rank.

## **CONCLUSIONS**

### **1. Students Perceptions of Quipper School**

It can be concluded that student's perception towards Quipper School as an online learning medium are: students found it easy to access Quipper School through internet, Quipper School only cost students for quota data to connect to internet since the application is an online application, and it needs internet connection to access. Quipper School is easy application to use, students can simply understand how to operate the application. For difficulties faced by the students, there were no reason unstoppable loading of the application, unstable network, and picture did not appear. Thus, Quipper School is a helpful application for the learning process especially when it comes to online learning.

### **2. Advantages and Disadvantages of Quipper School**

The advantages and disadvantage of Quipper School, the researcher found that there are several advantages such as: Free access video, concise and complete video explanation, has a feature that support the students to train their self with the tasks, quiz, and summary, and repeatable answer. For the disadvantage of this application, there are: network problem caused by bad network, pictures problem, and mistranslation. About the rank, there is no significant correlation between students rank and their experiences using Quipper School.

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