

CHAPTER IV

FINDINGS AND DISCUSSION

A. Findings

In this section, the researcher discusses the interview data findings. The first data is about what is teacher perceive of use Duolingo in online class and the second data is about what are students' perceive toward Duolingo in learning process.

1. Teacher' perceive of the use of Duolingo in online class

The researcher conducted an interview to gather the information needed to answer this question. The sixth-grade English teacher was the subject of the researcher's interview, and for the first observation, the researcher went to the school before the online class was used to get a general idea of how the teacher used Duolingo in class.

In the interview session with the teacher, nine questions were asked. Before asking the main questions, the researcher asked some questions about Duolingo. Based on interview the teacher was found Duolingo ad while watching video on YouTube with her daughter and try to install it on her daughter smartphone, after a few days of trying to use Duolingo, her daughter learns new vocabularies and memorize it with translation in Bahasa Indonesia. The teacher got idea to using Duolingo in class after she saw the daughter using it and it is like a game and more fun for kids.

a. Teacher doesn't use Duolingo on every meeting

She said: "Not every time I use the Duolingo application because some of the material I teach in the book and the Duolingo application are not related. Except for the session on memorizing new vocabulary and how to pronounce them".

The answer is confirmed when the researcher asks the students if the teacher always use Duolingo and the answer is not always.

b. Reason teacher choose Duolingo over other similar application

She said: "Because of several other applications, Duolingo is the most popular and most downloaded, at the same time we can learn languages other than English, there are many choices of languages that can be learned, plus the application is like we play games which of course children prefer and enjoy".

The answer is confirmed that Duolingo is more known and have more download than other similar app and system on Duolingo more like game.

c. Advantages of using Duolingo in online class

She said: “The advantage is that students become enthusiastic about learning because the learning process is not monotonous. It's not just listening to it without any other interaction, it's the same because this application is similar to a game so students, especially boys, are familiar with the system, how it works and so on”.

The answer is confirmed when According to the findings of the researcher's interview with the students, they are more enthusiastic when the teacher uses Duolingo in a meeting and the students are having fun. This is similar to theories that technology helps students learn about their fundamental interests. (Ahmadi, 2018) and learning using mobile applications affects students' motivation (Wood & Bandura, 1989)

d. Disadvantages using Duolingo in class

She said: “As for the drawbacks, the application can't be accessed if there's no internet as far as I can remember, we can't monitor the progress directly, at most they just show it or give a screenshot. At the same time, there were students who were too diligent to finish the stage first, so I asked them to do it again with other friends.”.

The answer is confirmed in some cases we cannot access Duolingo if there is no internet connection, and for tracking progress we can determine by looking score or what stages they completed. This has similarity with statement that the lack of internet connection or electricity can be problem in rural areas to experience mobile learning (Thomes, 2019)

e. Teacher used Duolingo as secondary source or supportive media

She said: “For learning resources, of course, follow the textbook and when there is similar material, for example about objects around or about new flora, we link it to the material on Duolingo. If the material in the textbook doesn't exist, then we don't use Duolingo”.

The answer is confirmed the teacher only use Duolingo as secondary source or supportive source and not main source in the first observation before online class was applied.

f. Lessons on Duolingo are suitable for her students

She said: “The material is appropriate because there are levels. When we started using the application, we were asked to set the level from beginners to expert. And when I opened the Duolingo application for the first time, I guided my children to choose the easy one first because it is most suitable for elementary school material. If you choose intermediate or expert level, maybe it's equivalent to junior or senior high school”.

The answer is confirmed when we start using Duolingo for the first time, Duolingo gave us several questions to determine students' understanding about English language and the teacher need to guide the student when open Duolingo application for the first time. This is similar to the claim that students have trouble learning English because their native tongue is so different from English. There are many factors involved in learning a new language. Teachers should know the important aspects such as age, ability, needs, the previous language experience and native language (Finocchiaro & Bonomo, 1974)

- g. Teacher used Duolingo for media to deliver quiz, pronunciation practice, or homework

She said: “Usually, I tell students to open Duolingo right at the end of the learning session, it can be used as evaluation material, for example when studying earlier there was practice of pronunciation, so students just have to listen to the vocabulary used by Duolingo and I ask them to repeat it or I also usually tell them right after I explain material, like giving a quiz through the stages in Duolingo. Or it could also be when I have other activities and can't be present via zoom, I will give homework through the WhatsApp group in the form of tasks such as completing stages 10, 11 and 12, for example, later there will be a score at the end of the level, all they have to do is take a screenshot and they will send it to group and I check”.

The answer is confirmed when the researcher interviewed the students, sometimes they got home work for finishing certain stages or as ice breaking after teacher explain the material

- h. Lessons on Duolingo contains all skills in English Language

She said: “Yes, in one stage, for example, there are several questions starting from grammar, speaking, how to pronounce, then there is also reading where students are asked to read sentences and write too, even though they don't write directly but type it on screen so students know what letters are, there is also listening, for example there is audio that Listen to the pronunciation of word apples for example, so students know how to pronounce apples. I can say Duolingo contains all skills”.

The answer is confirmed that every Lesson or stage on Duolingo contains several questions that related to four skills in English Language.

i. Duolingo helps improve students' vocabularies

She said: "Yes, it is very helpful especially when pronouncing words and also new vocabulary for students, because words that appear often also appear in the next lesson, students are finally able to memorize vocabulary along with its meaning and how to pronounce it".

The answer is confirmed that Duolingo usually repeat several words so user can memorize how to pronounce, read, write, listen and meaning of those words in Bahasa Indonesia. This is similar to the theory that students can learn more about the words as they are repeated more often. The more frequently students encounter the same words, the greater the opportunity to expand their vocabulary. (Webb, 2007)

2. Students perceive of the use of Duolingo in learning process in online class

The researcher did interview six students through personal chat via social media WhatsApp and distributed questionnaire to twenty students of sixth grade.

Here, the researcher gave the percentage of the questionnaire that was completed.

Table 2.1 The result of Questionnaire			
Indicator	No	Statement	Percentage
Students who have positive response	1	Duolingo helps me learn new vocabulary	75% Strongly Agree
	2	Duolingo helps me know the correct pronunciation of vocabulary	70% Strongly Agree
	3	Duolingo helps me memorize vocabulary	60% Strongly Agree
Students who have negative response	4	Duolingo helps me learn grammar	45% Strongly Disagree

5	Duolingo helps me write English words	40% Strongly Disagree
6	Duolingo helps me improve my fluency in pronouncing English words or sentences	30% Disagree

In the WhatsApp interview session with six students in two groups, four questions are addressed, and the questionnaire contains six questions.

- a. Duolingo help them to learn new vocabularies, as students mentioned below:

Student 1 said:

“I think this application is very helpful to know vocabulary that I have never known”.

Student 3 said:

“Very helpful especially vocabulary that is rarely heard”.

The result of statement 1 of the questionnaire backs up this response with 75% of 20 students choose strongly agree that Duolingo helps them to learn new vocabularies.

- b. Duolingo help them to know how to pronounce words in English, as the students mentioned:

Students 2 said:

“Yes, the application really helps me in pronouncing English words”.

Students 4 said:

“Yes, it really helps how to pronounce it”.

The second result of the questionnaire supports this response. with 70% of 20 students choose strongly agree that Duolingo helps them to know how to pronounce the word correctly.

- c. Duolingo helps them to memorize words, as students mentioned:

Student 4 said:

“Yes, because often the words are repeated at the next level so I memorized them”.

Student 1 said:

“I think the app is very helpful for memorizing some words because they are often repeated”.

The result of the third question on the questionnaire backs up this response with 60% of 20 students choose strongly agree that Duolingo helps them to memorize some words.

d. Issues or problems they encountered while using Duolingo, as students mentioned:

Student 5 said:

“The problem is only if the heart runs out so you can't continue completing the next level”.

Student 6 said:

“You have to use the internet to be able to use it, it will be good if don't need to be connected to the internet”.

This answer is confirmed that in Duolingo there is “Health” system and each time you take a lesson it costs 1 “Health” and you can refill it by completing a mission or share your score to other. Or you can purchase VIP perk for unlimited “Health”. And it is true you cannot use Duolingo without internet because each time you enter different level you need to download resources for that level.

The majority of the students' responses to using Duolingo in class were positive, according to the interview. Also, the researcher found most of the students enjoy when teacher use Duolingo while they learning. The questionnaire's more positive than negative results confirmed this situation.

B. Discussion

The researcher now knows how the teacher uses Duolingo in the learning process and how the students respond when the teacher uses Duolingo in class, as evidenced by the findings above.

Overall teacher's perception toward Duolingo application in teaching and learning process is good. It has proved from result of interview. Based from conversation with researcher and teacher, the teacher said she cannot use Duolingo for every meeting or topic. However, Duolingo can be used for selected topic, as she mentioned. Duolingo can used as break session after she explained the material to bring back students focus and willingness in learning process.

The majority of students are responding positively to Duolingo's use in the classroom during the learning process. The results of the questionnaire show that the number of students who chose to strongly disagree or disagree is low. The outcome from the meeting support this finding. During the interview, the majority of students claim that Duolingo is useful and enjoyable to use. They also feel more understand about the material since lessons on Duolingo are more interactive. The students also hope the teacher using Duolingo for every meeting.

The researcher discovered a few benefits of the Duolingo application in this study. Duolingo' lesson material contains 4 skills in English such as writing, reading, speaking and listening. This makes the students understand not only 1 skill but all of them when taking a lesson. Furthermore, the students can access Duolingo anytime, it means they can learn anywhere they want. The teacher also feels using Duolingo will bring her students joy and enthusiastic in online class. This has similarity with theories that technology helps students learn about their fundamental interests (Ahmadi, 2018) and learning using mobile applications affects students' motivation (Wood & Bandura, 1989)

In this research, the researcher found some problems when teacher used Duolingo in class for example when the teacher using Duolingo, it needs to connect to internet for using it. Also "health" system makes every time you take a lesson it costs 1 "health", and because of that you cannot take lesson every time when you have low "health". In additional, as the teacher mentioned in interview, the teacher can only use Duolingo for certain topic or material. Because of that not all topic in textbook is matching with lesson on Duolingo so the teacher needs to check if topic in Duolingo is related to textbook.