

CHAPTER IV

FINDINGS AND DISCUSSION

This chapter presents the research findings and provides a comprehensive analysis discussion that answers the research questions. The first section discusses the benefits obtained by students in using scanning techniques to read journals. The second part discusses the difficulties experienced by students in using scanning techniques to read journals. The results of the study were analyzed using interactive analysis techniques to ensure the achievement of research objectives harmoniously. The results and discussions are presented systematically as follows:

A. Findings

1. Benefits of Using Scanning Technique for Journal Reading

During the data collection and analysis process, various categories were identified. The researcher transcribed the interviews by recording the participants' responses verbatim to ensure the accuracy of the data. Although there may be grammatical errors in the original responses, the researcher made necessary edits to keep the main meaning intact. This was intended to help identify emerging themes and categories.

The interviews revealed the various benefits and difficulties experienced by students when using the scanning technique in reading journals. Each interview provided a diverse perspective, which enriched the understanding of the benefits and difficulties faced by students in implementing this technique.

The researcher used initials such as S1 for the first student, S2 for the second student, and so on up to S5. The findings of this study are explained based on the focus of each research question. The first question focused on the benefits obtained by students through the scanning technique when reading journals. The results of the interviews showed various benefits that are relevant to the context of this study.

a. Specific information finding.

Students got benefits from using scanning technique to read journals. Every student has various experiences when it comes to using scanning technique to read a journal. The researcher shows examples and details below. The following are answers from all participants about their experiences of using scanning technique to read journals:

First participant, student 2 said that "Scanning techniques help me find specific information and scientific studies for my research quickly, and allow me to verify the accuracy of the information through further searching and finding relevant, latest references" (11th March). That statement is also the same as that statement by student 1 and 3 highlight that scanning technique is very helpful in finding specific information quickly and efficiently. They revealed that by scanning, they can easily find the latest references by tracing the year of publication in the reference list and searching for newer sources. In addition, scanning allows the accuracy of relevant scientific studies in

journals, especially in the introduction or literature review to support the research being conducted.

Student 4 and 5 also added, “Yes I can find specific information and relevant scientific studies from the journals I read by using scanning techniques, so I can find accurate up-to-date references quickly and efficiently” (10th March). Statement from the participants indicated that using scanning technique effective in helping them find and identify specific information and relevant scientific studies, such as uptodate references, research results and main discussions, from the journals they reads without having to read the entire contents of the journal. This technique allows them to be more efficient in finding the data they need, save time, and ensure that the information obtained remains accurate and in accordance with them research need.

Based on the students' responses, this study found it can be that the use of scanning techniques for journal reading has significant benefits for the students finding specific information to find uptodate reference, scientific studies, also accurate and relevant information. The benefits of using scanning techniques for journal reading not only benefit their experience, but also give them a more comprehensive understanding of how to obtain specific information from the journals they read.

b. Follow the linearity of passage.

The researcher further researched how useful the scanning technique for journal reading is in following a linear reading flow. The researcher shows examples and details below.

Student 1 as a participant said that “I can find relevant information by using scanning techniques, understand scientific studies in journal content linearly, and obtain accurate, up-to-date references” (11th March). Student 1 noted that scanning technique helps her in obtaining relevant scientific studies from the journals she reads. She can follow the flow of the reading without missing important information by reading linearly and using scanning techniques. The scanning technique also allows her to understand the information in the journal quickly and use references that are current and accurate.

Next participant which is student 5 and 3 also said “Yes, the benefit of using the scanning technique is that I can systematically understand scientific studies from the journals I read by following the reading flow linearly, as well as being accurate in the relevant, up-to-date references that I obtain” (10th March). They stated that the scanning technique was helpful in understanding relevant scientific studies from the journals they read. She revealed that by following the reading flow linearly, she could quickly identify key points including current references that support the author's theory, thus improving them understanding of the material in an accurate way.

"When using scanning techniques to read journals, I can find information about relevant scientific studies and recent references quickly, and verify the accuracy of the information by following the reading flow linearly" (11th March). Student 2 and 4 stated the same thing that they were helped to obtain relevant data by reading journals linearly. Scanning also made it easier for them to identify accurate, up-to-date references in certain parts of the scientific studies they read.

Based on interviews with students showed that they were helped to find relevant, up-to-date references in accurate scientific studies by reading certain parts linearly using scanning.

c. Time efficiency

Based on interview, the researcher found that there were various responses from students. This highlights the benefits of using scanning techniques to read journals, one of which is time efficiency, for instance:

Student 2 and 5 said "Of course, the scanning technique allows me to find the latest references, obtain scientific studies, and obtain relevant and accurate information more quickly and efficiently without wasting time in vain"(10th March). Student 4 also agreed with them that the scanning technique has important benefits in helping her to obtain accurate up-to-date references in a timely and efficient manner. The scanning technique allows her to find relevant scientific studies without having to read all the journals, so the time spent is shorter and the number of references that can be accessed is greater.

Another participant said that “I quickly obtain the latest relevant references in journals using scanning techniques, find scientific studies that accurately support my research topic, and ensure that the information obtained uses my time efficiently, not wasted” (11th March). Student 3’s statement represents student 1’s opinion that scanning techniques significantly improve the efficiency of time spent identifying new references, particularly by focusing on the in-text citations section and bibliography. She emphasized the need to understand scientific studies found in journals, which helps in absorbing information faster. This suggests that the scanning technique is beneficial in helping her to read journals in a time-efficient manner.

Based on students’ feedback, the researcher found that scanning techniques provide rapid benefits in terms of improving time efficiency and accuracy when searching for information from journals. Every student understands that scanning allows them to quickly find up-to-date references and relevant scientific studies without having to read the entire journal, resulting in less time spent and a greater number of references accessed.

d. Reading Motivation

The researcher conducted further research and found that students stated the scanning technique helped them grow their reading motivation, the researchers show examples and details below.

“Scanning allows me to grow a sense of motivation to read and be able to find various information including relevant current references and obtain accurate scientific studies from the journals I read, and makes me more

enthusiastic in searching for information” (11th March). Student 1 mentioned that the scanning technique significantly increased her motivation and effectiveness in finding current references relevant for research. She is more motivated and excited in the research process because the scanning technique allows her to quickly access accurate scientific studies without having to read all the text.

Also the statement by student 3 and 4 said that “Using scanning motivates me to read and absorb information faster including recent references, as well as filter information from journals to ensure the accuracy of relevant scientific studies more effectively” (10th March). The students explained that the scanning technique helped them find motivation to read and accelerated the process of filtering relevant information, making it easier to find current references in journals. With the scanning technique, they can obtain accurate scientific studies based on the publication, methodology, and references used without having to read the entire journal.

Other participant said “Of course, because the scanning technique makes me more motivated to explore relevant information in journals, dig deeper into the accuracy of current references to find efficient scientific studies” (11th March). Student 2 agrees with student 5 that because of scanning and they apply it, it makes it easier for them to access the latest relevant references to accurate scientific studies so that it motivates them to read more.

Based on interviews with students, it shows that scanning makes them more excited and enthusiastic when reading journals to obtain the latest relevant references to accurate scientific studies, their reading motivation increases with the application of scanning.

e. Skill or Understanding Enhance

Based on the interview, the researcher found that there were various feedbacks from students. This states the benefits of using scanning techniques to read journals, namely skill or understanding enhance, based on their answers:

The participant said “Scanning helps me enhance my reading skill and my understanding of journal content, so I can find relevant, up-to-date references and accurate scientific studies” (10th March). Student 2 statement same as with student 1 opinion that scanning techniques in reading journals help her enhance her reading skills, understand scientific studies presented in journals, and recognize relevant current references more effectively. She often uses the scanning technique, which makes it easy to filter out accurate information without having to read every text, resulting in a better understanding of the journal.

“Enhancing my understanding and my reading skills have made it easier for me to identify the latest references, understand scientific studies from the journals I read, and determine the accuracy of relevant information more quickly” (10th March). The utilization of scanning techniques to read journals significantly enhanced student 5 and 4’s understanding and reading skills of

the journals they read. Also student 3 agreed that the scanning technique made it easier for her to identify the latest relevant references and browse through scientific studies to get more in-depth accurate information.

Based on the results of the interview with the students, it can be concluded that using scanning technique to read a journal consistently has a positive benefits on enhancing reading skills and understanding of the journal. All participants agreed that the scanning technique made it easier for them to identify relevant references, understand the information included in journals, and evaluate information accuracy more effectively.

f. Less boring and more interesting

Researcher conducted further research and found that students stated that scanning technique helped them to less boredom in reading and made it more interesting, researchers show examples and details below.

Student 3 said that “The scanning technique makes the process of reading journals more enjoyable and interesting, so that I can find the latest references, obtain extensive scientific studies, and get relevant and accurate information without feeling bored” (11th March). It is understood that the scanning technique has a positive benefit on the process of reading journals. As student 3 said, using scanning technique makes reading more interesting. Aside from that, scanning technique makes it easier to find new references, conduct more scientific studies, and obtain relevant and accurate information without boredom.

Participant said “When reading using scanning, searching for information in journals becomes more interesting, so I can easily find the latest references and crucial points in scientific studies in the journals I read and eliminate boredom during the process of ensuring the accuracy of the information” (10th March). The statement implies that scanning has the benefit of fostering interest in the search for relevant information in journals. Student 2 stated that by using scanning techniques, she can easily get the latest references and points in the scientific studies she read. In addition, scanning can help reduce boredom during information acquisition, and student 5 either.

“Using scanning during the process of reading scientific studies becomes more interesting, so that I can find relevant, up-to-date references more accurately without feeling bored” (11th March). Student 1 agrees with student 4 that when reading using scanning they feel more enjoyable to find the latest relevant references without boredom while reading accurate scientific studies so that it grows their interest.

Based on the results of interviews with the five students, it can be concluded that their frustration is reduced because reading using scanning helps them to more easily obtain the latest relevant references, they feel that reading scientific studies is much more enjoyable to find accurate information thanks to scanning, this makes their interest in reading grow and develop for them.

2. Difficulties of Using Scanning Technique for Journal Reading

a. Lack of Knowledge

Based on the interviews, the researcher found that students experienced difficulties when using scanning techniques to read journals. The following are the answers from the participants regarding the difficulties they faced when using scanning techniques to read journals.

Student 1 represent student 3's statement said that "Even though I am not yet familiar with my research topic, I can still find recent references by reading abstracts, keywords, and conclusions. However, my lack of understanding makes the search process longer and I have to read more sections of the journal to find relevant information" (10th March). Student 2 agreed with their opinion that showed although she has not mastered her research topic, she can still find current references through the abstracts, keywords, and conclusions of journals. However, her limited understanding made it difficult for her to find relevant research quickly, so she had to read more sections of the journal. This indicates that limited knowledge can slow down the process of finding and understanding information in research.

Meanwhile next participant, student 4 said "My limited knowledge about my research topic does make it difficult for me to find relevant, up-to-date references quickly and I have to read more scientific studies, thus slowing down the accuracy of my understanding" (11th March). Student 5 found that have the same point of view with student 4 that lack of knowledge of a topic hinders efficiency in reading and understanding the topic. As a

result, students have to spend more time reading various up-to-date references to improve the accuracy of relevant information, which will ultimately hinder the research process.

Based on interview results show that the effective use of scanning techniques when reading journals is hampered by a lack of knowledge of the research topic. Although they were able to use abstracts, keys, and conclusions to find references, the search process became more difficult due to their inability to fully understand journal content and terminology. The complexity of journal language is also an additional obstacle, so students need more time to absorb accurate and relevant information.

b. Lack of Motivation

This is the response from the students regarding the difficulties of using scanning technique for journal reading:

“Low motivation hinders my ability to find relevant, up-to-date references from accurate scientific studies, making the search process less effective” (11th March). Student 3 mentioned that psychological factors such as motivation can impact effectiveness when accessing relevant up-to-date references. Due to her lack of motivation, she continued to experience difficulties in conducting ideal research, thus reducing her ability to obtain accurate scientific studies.

Next participant student 1 said that “Lack of motivation makes me lazy to read scientific studies seriously, so I only glance at them without understanding the latest references and cannot filter out relevant and accurate information” (10th March). Student 1 confirm that reading motivation has significant benefits in the process of understanding and filtering relevant scientific studies. Low levels of motivation can have a direct impact on the quality of information comprehension, which in turn affects the critical ability to assess the accuracy of current references.

While student 2, 4 and 5 said “Interest in a journal topic influences my motivation and effectiveness in finding accurate, up-to-date references, but I can still search for relevant scientific studies with other strategies such as reading abstracts and conclusions” (11th March). They explained that while interest can enhance the process of searching for current references in scientific studies, adaptability in using different study strategies enables the achievement of relevant information search goals. As a result, motivation and study strategies have become important factors in the effectiveness of access to accurate journals.

Based on the interviews showed that motivation is an important factor in using scanning techniques to read journals as it enables the ability to understand, read and find relevant and up-to-date references. Despite this, many participants still sought information through alternative means, such as reading abstracts and conclusions. These findings emphasize that motivation

and learning strategies play an important role in the effectiveness of searching for and understanding accurate scientific studies.

c. Lack of Concentration

Researchers found that students had difficulties in using scanning techniques to read journals, based on interview results:

The participant which is student 3 and 4 said that “Lack of concentration makes it difficult for me to find relevant, up-to-date references because I may miss key information or misunderstand the content of scientific studies in accurate journals” (10th March). It has been found that low concentration is one of the inhibiting factors in conducting relevant and up-to-date reference searches. She said that she often overlooked important information or misunderstood the content of accurate scientific studies when his concentration was low.

On the other opinion said “When my concentration is disturbed, I optimize the search for up-to-date references by relying on the search feature or summarizing the main topics in the scientific studies I read, so that I can still find accurate, relevant information even though in a more adaptive way” (11th March). Student 1 have a same statement as student 5 that distraction is not always a major obstacle, as she is able to fulfill her own needs through more strategic and efficient methods of searching and understanding relevant up-to-date references on accurate scientific studies, and the student 2 also agreed with that.

Based on the interviews with five participants, it was found that low concentration is one of the important obstacles in conducting sustainable research, as it can cause difficulties in understanding the research topic, collecting up-to-date references, and completing the research process. Nonetheless, some students were able to overcome it through adaptive strategies such as using search features, focusing on the main topic, and focusing on the core part of the scientific study. Although the information search process becomes more difficult, students are still able to obtain and understand accurate and relevant information.

d. The Length of Text

The difficulty faced by students in using scanning technique to read journals is the length of the text, their responses revealed that many faced difficulty in understanding the journals because of the length of the text. Here are all the answers below:

“Long journals text can make it difficult for me to find relevant, up-to-date references because the large amount of text can tire me out, confuse me, or miss important information in accurate scientific studies” (11th March). Student 1’s statement indicates that long texts in journals can be a hindrance when searching for relevant and up-to-date references. It was mentioned that excessively long texts can cause difficulties when reading, hinder comprehension of the content, and increase the risk of not understanding important information that is clearly required from accurate scientific studies.

Meanwhile student 4 and 2 said that “When reading long journals, I combine scanning techniques with selective reading of important sections of scientific studies to ensure a comprehensive understanding of relevant, up-to-date references without missing accurate details” (10th March). It was found that when reading long journals, they used a strategy that combined scanning techniques with selective reading of important aspects of the scientific study they was reading. The strategy was used to gain a comprehensive understanding of relevant and current references without neglecting accurate details.

Participants also said “The length of a scientific study text is fine if the structure is clear, but if it is complex, I use the search feature on online journals to help find the latest references. Focusing on specific sections and scanning techniques remain effective as relevant and accurate strategies” (11th March). That statement showed by student 3 and student 5 that the length of a text in scientific studies does not matter as long as the structure of the text is clear. They admitted that when they encountered complex texts, they used the search feature on online journals to find the latest references. In addition, focusing on specific sections using scanning techniques has proven to be a relevant and reliable strategy for understanding journal content.

Based on the interviews with five participants, it was found that the length of text in journals is the most common problem students face when using scanning techniques to find relevant and up-to-date references. Despite

the fact that the majority of participants understood that long texts can cause fatigue, information loss, and the risk of missing important information, they also used other means to gain accurate knowledge of the journal content. These included using search features in online journals, and combining scanning with selective reading.

e. Failure to Identify Important Information

The responses showed that students had varying experiences in dealing with difficulties using scanning techniques that could hinder them in reading journals. Here are all the answers from the participants:

Two students said that “Scanning lapses can cause me to miss important, accurate information in the scientific studies I read, but by focusing on key sections like the abstract and conclusion, I can still find relevant, up-to-date references even if I have to reread or look for other sources” (10th March). Based on this statement, it can be indicated that student 1 and 2 despite the failure in identifying important relevant information, it has other means that involve focusing on specific sections such as abstracts and summaries on scientific studies. That method has proven effective in obtaining accurate and up-to-date references, although it may require additional information.

The last participants, which is student 3 said that “When I fail to identify important information by scanning, I may reread the core sections of a scientific study such as the abstract, methods, and conclusions to ensure the

latest, relevant and accurate references” (11th March). This statement same as student 4’s opinion that despite initial failures when scanning, it progresses to other parts of the scientific study such as the abstract, methods, and summary. The aim is to ensure that the references used are relevant, current and accurate and the student 5 agreed with that.

Based on the interviews with five participants, it was found that failing to identify important information when reading journals is a hindering factor in obtaining relevant, accurate and up-to-date references. This problem often arises as a result of the level of complexity and high density of language in the scientific studies they read.

B. Discussion

This section discusses the findings that have been explained in the previous section. This study was conducted to analyze students' experiences in using scanning techniques to read journals and to find out the benefits and difficulties they face when using it. As in the previous section, I divide the explanation into two parts.

1. Benefits of Using Scanning Technique for Journal Reading

This study found various answers based on interviews with five students regarding their experiences in using scanning techniques to read journals. Based on the students' responses, this study found it can be that the use of scanning techniques for journal reading has significant benefits for the students finding specific information, the benefits of using scanning techniques for journal

reading not only benefit their experience, but also give them a more comprehensive understanding of how to obtain specific information from the journals they read. That statement related to Sinaga (2019) which states that using scanning is beneficial for readers to make them get specific information from the journals they read and also improve their reading understanding of specific information.

Interviews with students showed that the use of scanning techniques is useful for following the linearity of reading in journals to obtain information. The students believed that by using scanning techniques, they could quickly find information without having to read the entire journal word by word because they could skip it according to what they wanted to find. In line of Wahyuningsih (2018), she stated that scanning makes readers more flexible by allowing them to skip unimportant words.

Based on the interviews showed that motivation is an important factor in using scanning techniques to read journals as it enables the ability to understand. These findings emphasize that motivation plays an important role in the reading. This statement as noted by Vaezi (2003: 4) namely that motivation plays an important role in reading, functioning as a gateway to information. for students.

The results of the interview with the students, it can be concluded that using scanning technique to read a journal consistently has a positive benefit on enhancing reading skills and understanding of the journal. All participants agreed that the scanning technique made it easier for them to enhance their reading comprehension. As according to Abidin (2020), who stated that reading

comprehension involves intellectual skills such as scanning that allow readers to identify specific information quickly and effectively.

It was found in this study that every student understood that scanning techniques allow them to find accurate, up-to-date references and relevant scientific studies quickly which makes it easier for their thesis writing process. This statement is related to Azwar & Amalia (2017) they stated that journals play an important role in finding relevant scientific studies as accurate and up-to-date references that are very much needed by researchers and thesis writers.

From the interview it can be concluded that through the scanning technique students are encouraged to use the right reading strategy and perfect it so as to increase their understanding and motivation in reading journals which can update knowledge and connect new information with what they already know. In line of Rahim (2008) that the purpose of reading is to understand the meaning in reading materials and achieve certain goals by obtaining useful information.

2. Difficulties of Using Scanning Technique for Journal Reading

This study found various answers based on interviews with students regarding their difficulties in using scanning techniques to read journals.

A common difficulty students experience when using scanning to read journals is a lack of knowledge about the topic of study being read. This makes it difficult for them to properly understand the content of the journal, despite their efforts to use key sections such as abstracts, keywords, and conclusions.

The inability to understand the complexity of the journal is another difficulty that makes the reference search process less efficient and more time-

consuming. In addition, students also struggle with complex language and technical terms in journals. Complex academic language requires thorough understanding, whereas students need more time to digest the information properly. In such cases, scanning strategies that are supposed to help speed up the information retrieval process are not optimal, as students often have to reread to confirm their knowledge of the journal content.

Low concentration was also found to be a difficulty in reading and searching for references. Unstable concentration made it difficult for students to understand the problem, collect appropriate and up-to-date references, and complete the entire research project. However, some students tried to overcome this difficulty by using adaptive tactics such as using the search feature in online journals, focusing on the important topics of the journals, and filtering out materials that were considered important.

Another difficulty is the length of the text in the journal. Overly long texts usually lead to fatigue, boredom, and the risk of losing focus, which results in the loss of important information. The students realized that the length of the text could affect the effectiveness of the scanning strategy, so they began to combine scanning with selective reading to gather relevant information more efficiently. Despite the difficulties, students continued to work on adjusting their strategies to collect reliable and up-to-date references for their studies.

That statement as noted by Baiti & Sofa (2023) that students experience difficulties in reading due to lack of knowledge, lack of motivation, lack of concentration, and the length of the text.

Based on the interviews with five participants, it was found that failing to identify important information when reading journals is a difficulty that is an inhibiting hindering factor in obtaining relevant, accurate and up-to-date references. This problem often arises as a result of the level of complexity and high density of language in the journals being read. As according to Rambe (2017) that when reading quickly (scanning refers to fast), in this case students may fail to identify the most important information, resulting in the need to develop effective scanning technique skills.

From the various difficulties experienced by students in using scanning to read journals, such as lack of knowledge makes it difficult for them to understand what they read, therefore they can use keywords or translations to facilitate understanding when reading. Then the lack of motivation to read which is caused by reading materials that do not match students' interests, therefore students can choose topics that match their interests and apply good and correct scanning exercises consistently to increase reading motivation. Then the lack of concentration because students often read online journals via cellphones or laptops so that it is not uncommon for them to be distracted when reading, therefore students should read physical printout journals or keep away or turn off cellphones or laptops that might distract them when reading.

Furthermore, the length of the text, journal texts that contain length make students lazy to read and understand them, therefore use the appropriate type of scanning technique based on the type of text being read. Meanwhile, failure to identify important information is also often experienced by students which is

caused by students being unable to recognize keywords or important phrases from journals when they read quickly, therefore it would be good for students to practice this. That is related to Lutfiya (2023) that states to overcome difficulties, students can do regular practice to improve scanning skills, use the right scanning technique for certain types of text, use keywords and translation to facilitate search focus, and avoid distractions while reading.