

## CHAPTER III

### RESEARCH METHOD

#### A. Research Design

This study employed a qualitative research approach. The data was collected using an interview. Qualitative research is effective for examining and comprehending both subjective and objective explanations from the subject, which were required as the primary data to be collected in this study. An interview is a data gathering approach that uses questions to elicit answers or intended responses from study participants. In this study, an interview was used to allow the researcher to gain access to or understand the meaning constructed or developed by the respondent, which included the respondent's reasoning in this case for using QuillBot as a paraphrase tool for their thesis writing based on the situation and reality as seen and experienced by them while using it. There are three types of interview forms: unstructured interviews, semi-structured interviews, and structured interviews. According to Nunan (1992:149): (1) An unstructured interview is directed by interviewee replies rather than the researcher's agenda. (2) In a semi-structured interview, the interviewer has a basic notion of where he or she wants the conversation to go and what should come out of it, but does not approach the session with a set of preset questions. (3) The researcher completely predetermines the agenda for the structured interview, which involves going through a list of prescribed questions.

The interview employed in this study is structured interview also known as standardized, or closed-ended interview. It entails arranging questions in which the researcher asks each respondent the identical questions in a consistent manner. Structured interviews focus on a series of preset questions that are similar in phrasing and sequence. This ensures that the responses or answers may be aggregated to meet the study's objectives. As Kumar (2009) said, One advantage of using a structured interview is that the responses are consistent, allowing for data comparison.

## **B. Research Setting**

This research setting was carried out at UIN Antasari Banjarmasin, and the research started from the beginning of May until 27<sup>th</sup> of May 2024 when the all data had been collected. The reason the researcher choose these UIN Antasari as The setting of this study, because UIN Antasari has the subjects needed for this study, which are the students of English Education Departement.

## **C. Participants**

The Subjects of this research involved 10 students of English education department of UIN Antasari started from of 8<sup>th</sup> semester until students who have just complete their thesis writings that use quillbot to paraphrase their thesis writing. The sudents were recruited via Whatsapp by the researcher himself. The researcher shared invitation to some whatsapp group to recruit the respondens, however the respondents accepted to be the respondens are fewer than ten which is are wanted by the researcher, the

researcher than private message more people to fulfill the need of 10 respondents.

#### **D. Data**

Data collected in this study were in the forms of statements and description taken from the interview, Therefore, the data in this study belong to qualitative data. Morrison et. al. (2000) stated that interview enables participants, be interviewers or interviewee to discuss their interpretations of what they have felt or experienced be it subjectively or objectively by more detailed than just from questionnaire.

#### **E. Research Instrument**

Based on the research design, the instrument used for this research is qualitative method using interview with the researcher himself as the instrument to collect data from the participants. The interview used to collect the data about the students opinion towards some points related to “the use of quillbot features to help their thesis writing” and “the advantages of quillbot as a tool to help paraphrase their thesis writing” the questions were asked in bahasa and English.

There are 2 categories of interview questions that used to answer research question of this study:

1. The first category will be named Question 1, Question 1 has objective to find the answer of research question number 1. Question 1 contain questions about what are the Quillbot features used by students to help them in writing their thesis writing. Amanda et, al (2019) state that

including the paraphraser, quillbot also has other features that can be used in writing our thesis, those are grammar checking, translation, plagiarism checking, summarizing, citation generator, A.I Detector, and Quillbot flow, these features of quillbot later will be asked to the respondents whether they are using it or not, and what's the reason that make them use it and don't use it.

2. The second category will be named question 2. Question 2 has objective to find the answer of question number 2. Question 2 contain questions about what are the advantages of quillbot as a paraphrase tool experienced by respondents when they were using quillbot to paraphrase their thesis writing. According to Rogerson and Mc'Carthy (2017) there are paraphrasing tool provide 5 Advantages, those are, Avoid Plagiarism, Time Saving, demonstrating the best writing style, contents improvement, and creating a new contents structure. These advantages of paraphrasing tool, which quillbot is a paraphrasing tool is asked to the respondents whether they experience these advantages or not.

#### **F. Technique of Data Collection**

In research, data collection technique is one of the essential steps to collect some information or data of phenomenon occur. The researcher must be able to operate the instruments effectively to acquire accurate information. The technique of collecting data in qualitative method has some varieties of

technique including interviews, observation, questioner, action research, focus meetings, analysis of diaries and other personal text.

However, the technique which use in this research to find the data is only through interviews. It means that the researcher gathering data through some participant's using interview based on their experience using quillbot to paraphrase their thesis writing.

Interview is an effective technique to get respondents' ideas or sentiments about a certain topic, event, or action on a very intimate and comprehensive level. Furthermore, an interview was a method of data collection that involved asking direct questions to informants. The writer conducted an interview with responders. It served as an effective tool for gathering primary data on the study issue. The writer conducted interviews using structured interviews, often known as standardized interviews. It entails arranging questions in which the researcher asks each respondent the identical questions in a consistent manner. Structured interviews focus on a series of preset questions that are similar in phrasing and sequence. This ensures that the responses or answers may be aggregated to meet the study's objectives. As Kumar et, al. (2009) said, One advantage of using a structured interview is that the responses are consistent, allowing for data comparison. The interview in this research was carried out online via Whatsapp chat. The procedure of interview is very simple, the researcher just asked the subject of the research through whatsapp groups and personally asking via whatsapp if they are using quillbot in writing their thesis and are they willing to be the respondent of this

research, if they are willing to, then what the researcher need to do next is share the question to the respondent for them to answer. Conducting online interview via Whatsapp make the respondent easier to answer questions given by the researcher because it Allows the respondent to respond in many way such as using voice note, typing directly in the whatsapp or even send typed files from laptop and the respondent can even ask some question directly in whatsapp if there are any question they don't understand. The interview was started from the beginning of May until May 27 2024 where all the data had been collected. The result of their answer will be collected by the researcher from whatsapp to Microsoft word as the data to be analyzed.

#### **G. Data Collection Procedure**

The data of this research collected by using structured interview via whatsapp. However, there are some procedures that need to be followed in conducting this research:

1. Prepare the questions for interview, since this interview is structured interview, all of the question need to be prepared properly by the researcher. There are 2 interview questions categories that need to be prepared by the researcher. The first is questions related to the feature of quillbot that consist 8 features and the other category is the advantages of quillbot as a paraphrase tool for thesis writing “*see appendix 2*”.
2. The step 2 is to determine and look for the respondents, the respondents in this research are English education students started

from 8<sup>th</sup> semester until those who has finished their thesis using quillbot as a paraphrase tool to help their thesis writing.

3. After the respondents determined found, what need to do by the researcher is to give the respondents the questions that already prepared via whatsapp and give the respondents some times to answer the questions, the question answers can be in the form of pdf or word files, whatsapp chat, or voice notes, depends on the respondents preference
4. If the respondents already finished and send their answer, the researcher can collect the answer through whatsapp and ready to analyze the data.
5. The last step is to analyze the data. in this research, the research design used is qualitative method using interview. So, to analyze the data, the researcher uses interactive model from miles and huberman. There are thre step in analyzing this data, first is data reduction, second is data display, and third is verification or withdrawal conclusion.

## **H. Data analysis**

This study employs Miles and Huberman's data analysis methods. Miles and Huberman's data analysis methodology is also known as the Interactive methodology. According to Miles and Huberman, as stated by Heris Herdiansyah, the processing of qualitative data consists of four stages: data collection, data reduction, data display, and conclusions or verification

(Sugiyono, 2008, p. 45). These phases are linked during and after data gathering.

The phases or processes were then assessed in light of the student responses. When assessing data, researchers performed the following steps:

1. Data reduction

Data obtained from the field is still in the form of detailed descriptions or interview answers that will be difficult to digest if not reduced. According to Sugiyono, "reducing" means summarizing, choosing the main things, focusing on the important things, looking for themes and patterns, and throwing away the unnecessary. (Sugiyono, 2008, page 92). Data from the interview were compared to each other to ensure validity, and then data reduction was performed. The researcher is summarizing the students' responses on what features of QuillBot are utilized by students to assist them write their thesis, as well as their reasons for using such features. There is also the answers of questions about the students view towards the advantages of quillbot as a paraphrasing tool for thesis writing that the data need to be reduced. Thus the data that has been reduced can provide a clear picture of the research conducted by researchers, so that it can facilitate researchers to carry out further data collection.

2. Data display

The second analysis activity was data presentation. The display represents ordered information that guides the writer to a conclusion.



The data display was based on the research emphasis. It involved showing data in written language in the form of extracts, matrix, graphic or narration.

### 3. Verification/withdrawal conclusion

The third type of analysis activity is conclusion drawing and verification. According to Miles and Huberman (1994), analysis involves three stages: data reduction, data presentation, and conclusion drawing/verification.

The researcher identifies and discusses key data points for learning. The researcher want to know about what features of quillbot used by students and their reason to use it, also what advantages experienced by students while they paraphrasing their thesis writing using quillbot.

The researcher reports the study's findings through interpretation. The researcher then carefully analyzes the data and compares the results to the hypothesis. Finally, the researcher makes inferences from the facts that support this study.