

CHAPTER III

RESEARCH METHOD

A. Research Design

Based on the theory of research approach, qualitative research and quantitative research. According to Cresswell (1994), The purpose of qualitative research is to discover and comprehend the meanings that different people or groups of people are trying to convey attributable to social or global problems.

The researcher used narrative inquiry as a research method for this study. A narrative report that details the events in detail is known as narrative research. In a narrative research design, the researcher writes about personal views, gathers stories about personal minds, and writes these stories (Clandinin, 2007). One form of qualitative research is narrative. Typically, narrative research focuses on the study of the individual and how that person gives meaning to their experiences through the stories that are told, it gathers data by compiling narratives, documenting personal experiences, and exploring the implications of those personal experiences (Cresswell, 2012).

This study uses narrative Inquiry to explore EFL students' experiences in using Artificial Intelligence for writing their thesis. The methodology for the

study was adapted from Cresswell (2012). The method used to conduct this narrative inquiry is extensive and straightforward. After that, it is operationalized in the context of the study. The following is a list of the actions:

1. Identify a Phenomenon to be Explored

Finding a problem or problems offers a reason for learning and enables the researcher to comprehend the social or personal experiences of people. The purpose of this research is to explore the experiences of EFL Students using Artificial Intilligence for writing their undergraduate thesis. To identify this phenomenon, Researchers gave interviewed some students.

2. Select one or more Participants to Study

The criteria for selecting participants were EFL Students class of 2020 at the English education department of UIN Antasari who were or had already worked on their thesis using Artificial Intelligence tools.

3. Collecting the students' story

The study used interview guides as instruments to collect participants' stories. In addition, field texts also revealed details about participants other than what they said verbally during conversations or interviews. But in this research the researcher only used interview guide, and this research will use face-to-face and online interviews. The

researcher will interview the experiences of EFL Students using Artificial Intelligence for writing their undergraduate thesis.

4. Restory or Retell the Individual's Story

In this step, the researcher analyzes the data by examining the interview transcripts to make sense of all the data. The stories were in accordance with the topic discussed earlier how the experiences of EFL Students using Artificial Intelligence for writing their undergraduate thesis. After the retelling of the participants' stories was completed, the researcher gave it to the participants to check whether it represented their story. Then, the researcher asked them to provide more information about their stories if they were lacking.

5. Collaborate with the Participant-Story teller

The researchers collaborated with storytellers to ensure an accurate representation of the participants' experiences throughout the narrative story collection process. This action is taken as a result of the research procedure. Validating the data source is the aim. In order to collect participant narratives, researchers initially got close with participants. The story the participants want to tell must be clear to them. Therefore, the researchers made sure that both positive and negative stories were accepted as long as they were contextually appropriate. In

this study, researchers must ensure that participants feel comfortable sharing their experiences, whether positive or negative, in using AI during the thesis writing process. Researchers should ensure that they accept and value every story that emerges, whether it highlights the success of Artificial Intelligence in assisting with thesis composition or the challenges encountered during Artificial Intelligence usage. These narratives must be contextual and relevant, reflecting how Artificial Intelligence technology has impacted the participants' writing processes.

6. Report finding about the Participant's Experiences

Researcher use descriptive analysis to report their findings. The conclusions section is divided into a variety of subsections that represent the key themes that emerged from the data analysis. The conclusions reflect the participants' experiences in using Artificial Intelligence for thesis writing, as well as the advantages and disadvantages of Artificial Intelligence that the participants perceived while using it to assist them in the thesis writing process.

B. Research Setting

The research title Exploring of EFL Students' Experiences in using Artificial Intelligence for Writing Thesis, this research will be carried out in the English Education Department, Faculty of Tarbiyah and teacher training at Antasari State Islamic University, because this place is the criteria required by researchers. It will be carried out in 2024.

C. Participant

The participants in this research were ten EFL students class of 2020, Department of English Education at UIN Antasari who were or had already worked on their thesis using Artificial Intelligence tools. The participants selected were those who were willing to share their experiences in writing a thesis using artificial intelligence. Researcher used random samples to determine participants. It appears that there does not exist a required number of participants in qualitative research, so informants are taken in relatively small numbers, regularly only one (Martha & Kresno, 2016).

D. Data

The data that the researcher will take is the result of the participant's story and also from the participant's answers through interviews with several questions in the interview guideline which are related to the research topic needed by the researcher. The data that will be explored and discussed in this research is, what is the experience of EFL students using AI assistance in writing their theses, what AI they use, and what are the advantages and disadvantages of using AI in writing their thesis.

E. Technique of Data Collection

1. Interview

One of the most crucial sources in qualitative research to gain an in-depth understanding of how people experience, feel, and analyze the social world is the interview (Creswell, 2016). Interviews are done in order to get more details regarding the research issue. One way to get information and data is through interviews. Interviews are used to collect data and information with the goal of understanding more about the research issue. In an interview, one or more persons speak with one another as the interviewer asks them questions. across this study, interviews that were casual, focused, unstructured, or

unstandardized began with generic inquiries across a wide range of research topics. In this research, researchers will conduct interviews and explore the experiences of EFL students in writing their theses using artificial intelligence.

F. Research Instrument

1. Interview

Interviewing is a technique for gathering data through a one-sided discussion that is done methodically and in accordance with research objectives. Interview Instrument An interview is a type of conversation that researchers have with respondents to gather information. The instrument is called an interview guide. This research has 15 questions for participants, Interviews will be conducted online and face to face.

G. Data Analysis

In this study, to analyze the data researchers used a narrative analysis model from Riessman, C. K. (1993) This model comes in three types, namely telling, transcribing, and analyzing.

1. Telling

It is most effective to pose questions that give the subject at hand more context and give the respondent freedom to come up with thoughtful responses with the assistance of the listener (Mishler, 1986). In order to encourage participants to attend and talk about significant events from their lives, it is crucial to provide an enabling environment during research interviews. For recording and listening to sound recordings, researchers use a variety of tools, such as books, pens, microphones, and cellphones. In this analysis step, the researcher asked participants to provide information about their experience in using AI to help them write their thesis, as well as the advantages and disadvantages of AI that they used in helping them write their thesis, using the help of recording devices, books, and pen.

2. Transcribing

It is important to document interview findings for narrative analysis. If no preparation has been made, it can be difficult to record the interviews so that researchers can access them whenever they want because participants are always passionate about the issues they bring up. Qualitative interview data are frequently quite long. Thus, selection and reduction are used by researchers. The researcher creates a rough transcript or first draft of the full interview, capturing the important

parts of the discussion as well as the phrases and conversational elements that jump out on paper (such as crying, laughing, and unusually long pauses). Afterward, go back and retranscribe the chosen passages for in-depth examination. In this analysis step, the researcher compiled all the interview transcripts to take important points and reduce out-of-context conversations about the participants' experience in using AI and what are the advantages and disadvantages of AI in helping them write their thesis.

3. Analyzing

Transcription and analysis are difficult to separate. According to Mishler (1991b), writes, "we are testing, clarifying, and deepening our understanding of what is going on in the discourse" (p. 277). The researcher repeatedly and attentively listens, makes a transcription, and then examines or listens to each conversation or tale. The researcher's findings are used to create and select the textual representation of the interview narrative. In this step, the researcher must analyse the important points related to the research to answer the research question about how the participants' experience in using AI when writing their thesis and analyse what are the advantages and disadvantages of AI that they feel when using it in helping them write their thesis.