

CHAPTER III

RESEARCH METHOD

This chapter generally explains about research method in more detail by providing information about a brief description: research design, subject of the research, research instrument, data source, data collection technique, and data analysis.

A. Research Design

According to Mouton, the research design is explained as several guidelines and instructions to be followed to address the research problem. On the other hand, research design also helps the researcher to make the research is easier because there are steps for doing research.¹

This study used descriptive quantitative method. According to Creswell, this provides a quantitative or numeric description of trends, attitudes, or opinion of a population by studying a sample of that population. From sample results, the researcher generalizes or draws inferences to the population. quantitative methods involve the processes of collecting, analyzing, interpreting, and writing the result of a study.²

B. Population and Sample

A population is a complete set of people with specified characteristics, while a sample is a subset of the population.³ The populations of this research are 55 students who subscribed to or are currently subscribed online learning tutoring application. The samples of this research are 50 students. There are 24 students from Ruang Guru, 17 students from Zenius Education, 4 students from Brain Academy, 4 students from Quipper. Population and sample are chosen to know what are perceived impact of online learning tutoring on students' English competence.

¹ Johann Mouton, *Understanding Social Research* (Pretoria: Van Schaik Publisher. 1996),35.

² John W. Creswell, 2014. *Research Design Fourth Edition*, Sage. California

³ Hulley SB, Cummings SR, Browner WS, Grady D, Newman TB. *Designing Clinical Research: An Epidemiologic Approach*. 2nd ed. Philadelphia, PA: Lippincott, Williams & Wilkins; 2013.

No	Participants	Total
1.	Ruang Guru	24
2.	Zenius Education	17
3.	Brain Academy	5
4.	Quipper	4
Total		50

Table 3.1 Composition of Participants

C. Research Instrument

Arikunto stated that research instruments are used to gather knowledge in order to promote the conduct of study by researcher. **It can be said that the research tool is a method or function that has been used to collect research. The researcher used a questionnaire for collecting the data in this report.⁴ The survey questionnaire used in this study was written in English and Indonesian so that it is easier for students to understand, and avoid misunderstanding. 20 statements on the questionnaire using four-point Likert scale. These statements were related to perceived impact of online learning tutoring on students' English competence.**

Data that obtained from each statement item will be made in one table in which there percentage and frequency are including. Then, the researcher analyzing and interpreting data with the provisions of the scale decided as follows:

POSITIVE STATEMENT		NEGATIVE STATEMENT	
Category	Score	Category	Score
Strongly Agree (SA)	4	Strongly Agree (SA)	1
Agree (A)	3	Agree (A)	2

⁴ Suharsimi Arikunto, Manajemen Penelitian, Jakarta: PT. Rieneka Cipta, 2009.

POSITIVE STATEMENT		NEGATIVE STATEMENT	
Disagree (D)	2	Disagree (D)	3
Strongly Disagree (SD)	1	Strongly Disagree (SD)	4

Table 3.2 Scale Likert

This blueprint indicator of questionnaire was adapted from Mahajan and Kalpana's article: A Study of Students' Perception About E-Learning.⁵ Blueprint questionnaire from Tabiin Putri's thesis: The Students' Perception toward the Use of Edlink Platform at the Second Semester of English Program at Iain Parepare.⁶

No.	Indicator	No of Items		Total Items
		Positive	Negative	
1.	Students' usage of online learning tutoring application	1,2,3,4,5	15,16,17	8 items
2.	Students' perception about challenges of online learning tutoring application	-	6,7,8,9	4 items
3.	Students' convenience of online learning tutoring application	10,11,12,13,14	-	5 items
4.	Students' satisfaction of online learning tutoring application	18,19,20	-	3 items
Total Items				20 items

⁵ Mahajan M V, Kalpana. R. *A Study of Students' Perception about E-Learning*. Indian J Clin Anat Physiol. 2018; 5(4):501-507.

⁶ Putri, U. T. (2021). *Students' Perception toward the Use of Edlink Platform at the Second Semester of English Program at IAIN Parepare* (Doctoral dissertation, IAIN Parepare).

Table 3.3 Blueprint Questionnaire

D. The Data Source

This research is done by giving questionnaire to the fifty students who are subscribed to or are currently subscribed online learning tutoring application. This research focuses on students' usage of online learning tutoring application, students' perception about challenges of online learning tutoring, students' convenience of online learning tutoring, and students' satisfaction of online learning tutoring.

E. Data Collection Technique

The data was collected by using instrument. The researcher used questionnaire of four-point Likert scale in google form and distributed via direct message on social media regarding students who had subscribed to or are currently subscribed online learning tutoring application.

F. Data Analysis

The researcher then classified the data based on four-point Likert scale. The researcher divided the result into four classifications based on the indicator. Students' usage of online learning tutoring application, students' perception about challenges of online learning tutoring, students' convenience of online learning tutoring, and students' satisfaction of online learning tutoring.

This step provides an overview of the information about students' responses. The final step in the analysis of data is related to interpreting the findings of the result. It consists of explaining the result, comparing the result with previous studies and theory, and ending with suggestions for further research.

It is important to study perceived impact from online learning tutoring that students can understand better their experiences when using online learning tutoring, overcome concerns, and use of existing features positively to enhance students' English competence. The perceived impact of online tutoring is

positively influenced by the perception of ease of use, comfort, satisfaction, and completeness of the material in enhancing students' English language competence.