

## **CHAPTER III**

### **METHOD OF THE RESEARCH**

#### **A. Research Method**

This research will use qualitative method. Qualitative method research is the best method of the research to examining and describing question how respondents in a study perceive and interpret various aspects of their environment. Qualitative research refers to process-oriented methods use to understand, interpret, describe, and develop a theory on a phenomena or setting. It is a systematic, subjective approach used to describe life experiences and give them meaning. The research data are obtained using questionnaires and interviews which were filled in by students using Google forms. In addition, in-depth interviews were used with some students who received more detailed information.

#### **B. Subject of the Research**

This research will be conducting in the first grades of SMAN 4 Kota Serang. In this research, will be conducting by online because the researcher and the participant can't face to face because the covid-19 pandemic. Therefore, the researcher can't go directly to the field. This study will be taken by one class for the respondents in the first grades of students at SMAN 4 Kota Serang. It class during e-learning process using Google-meet

app to conducted online learning during covid-19 period. The research data were obtained using questionnaires and interviews which were filled in by students using Google forms. In addition, in-depth interviews were used with some students who received more detailed information. The data analysis technique used in this study is a qualitative analysis consisting of data, data reduction, data presentation, and conclusion drawing.

### C. Research Instrument

In this research, the researcher used close-ended questionnaires and interview by Google form, there are the indicator of the research as follow:

Table 3.1 of the Indicators of Perception

<b>Varibel</b>	<b>Indicator</b>	<b>Number of the Statement</b>	<b>Total</b>
Students' Perception for Online Google-meet app on Learning English during Covid-19	Quality of learning Involved to interact environment	3,5	2
	Effective the teaching	1, 6, 8	3
	Saving the time, energy and cost	2	1
	To eliminate the inconvenience to practice English	4, 7	2
	Easy to use as mobile learning	9, 10	2

Table 3.2 of the Indicators of Motivation

<b>Variabel</b>	<b>Indicator</b>	<b>Number of The Questionnaire</b>	<b>Total</b>
Students Motivations for Online	Interest	11, 12	2

Google-meet app on Learning English during Covid-19 (Internal)	Physical condition	14	1
	Ambition	15	1
	Awareness	20	1
Students Motivations for Online Google-meet app on Learning English during Covid-19 (external)	Get benefit the knowledge	13,17	2
	Supporting facilities	19	1
	Social condition	16	1

In conducting this research, the researcher conducted Questionnaire and Interview to obtain the data:

#### 1. Questionnaire

In this research, the statements of the questionnaire uses close-ended questionnaire that focused on students' perceptions and motivations of online Google Meet app on learning English during covid-19 period in first grades at SMAN 4 Kota Serang. But to make it easier for students to fill in, the questionnaire was prepared using Indonesian language and English language. The researcher make an electronic questionnaire in the form of a google form, then distributed it to groups of was in first grade students at SMAN 4 Kota Serang. Due to this type of questionnaire is a closed-ended questionnaire, the respondents only chooses the answer available. The researcher will tell the informant that the questionnaire would remain confidential and will not affect the value of English lessons.

In this research, the researcher uses likert scale. Likert scale is a statements offered for a real or hypothetical situation under study. The respondent are ask to show their level of agreement from strongly disagree to strongly agree with the given statements on a metric scale. In the each of the statement provided, the researcher asked the students to express their attitude toward the statements on the following likert scale.<sup>1</sup>

- 1 = Strongly Disagree
- 2 = Disagree
- 3 = Neutral
- 4 = Agree
- 5 = Strongly Agree

Table of 3.3 of the Table Interpretation Level

No.	Mean Score	Interpretation
1.	1.00-1.80	Very Low
2.	1.81-2.60	Low
3.	2.61-3.40	Medium
4.	3.41-4.20	High
5.	4.21-5.00	Very High

Source:Moidunny (2009)

## 2. Interview

Interview is activity that interviewer and interview where the interviewer will give some question to be answered by interviews. The

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<sup>1</sup> Gail M. Sullivan and Anthony R. Artino, "Analyzing and Interpreting Data From Likert-Type Scales," *Journal of Graduate Medical Education*, Vol. 5, No. 4 (2013), 541.

researcher uses this interview to find out data about students perception and motivation of online Google-meet app on learning during covid-19 pandemic in first grade at SMAN 4 Kota Serang.

## **D. Data Collection and Data Analyzing**

### **1. Data Collection**

In collection of the data the researcher applied the producers as follows:

#### **a. Data collection procedures for Questionnaire.**

There are steps in collecting data for questionnaire:

- 1) The researcher come to school to permission conducted the research in school at SMAN 4 Kota Serang.
- 2) The researcher meets teacher of English, especially teacher in first grade of SMAN 4 Kota Serang to asked permission conducted the research
- 3) The researcher asks to permission for joining group of whatsapp and share the link of questionnaire about Student Perception and Motivation for Online Google-Meet app on Learning during Covid-19 period in first grade at SMAN 4 Kota Serang.

#### **b. Data Collection Procedures for Interview**

- 1) The research made some question for the students about about Student Perception and Motivation of Online Google-meet app on

Learning during Covid-19 period in the first grade at SMAN 4 Kota Serang.

- 2) The researcher collected the data by via whatsapp.

## **2. Data Analyzing**

Data will be analyzing in multiple steps using the qualitative method. First, the researcher ranks respondent data according to the date the questionnaire was collected. The data is then entered into the research table after it has been received. Third, the research calculates the percentage of respondents who are divided into four categories in the research table, namely strongly agree, agree, disagree, and strongly disagree. The use of scale classification in this study to measure agreement and disagreement on problem formulation, conclusion must also produce new findings in the field of science that did not previously exist. These discoveries can take the form of a more detailed description of an object or phenomenon that was previously ambiguous after further investigation, a hypothesis, or even a new theory.

There are several stages/techniques in analyzing data, as follow: <sup>2</sup>

### **a. Data Reduction**

In qualitative data collection, the researcher uses various techniques and carried out repeatedly to obtain very large and complex

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<sup>2</sup> Wijaya, Tinggi, and Jaffra, *Analisis Data Kualitatif Ilmu Pendidikan Teologi*, 2018.

data. Because the data obtained in the field are still very complex, still rough, and not systematic, the researcher needs to do an analysis by reducing the data.

b. Data Display

Data display is the process of presenting data after data reduction. The presentation of data in qualitative research is carried out in the form of summaries, charts, relationships between categories, patterns, and others so that it is easily understood by the reader.

c. Conclusion

The third step in interactive model is decision making and verification. In qualitative research, the conclusions draws still temporary. Therefore they can change at any time if not supported by strong evidence.