

## CHAPTER III

### RESEARCH METHOD

The third chapter, the writer describes: (a) method of research; (b) object and subject of research; (c) instrument and data collection (d) technique of data analyses;

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

The research uses case study. It is usually used for collecting the data as much as possible so that the researcher is able to describe the object in order to interest the readers.

According to Marshall and Rossman, qualitative research is the most important tool for collecting information, involvement in the environment, direct observation, in-depth interviewing, and record review.<sup>1</sup> According to Moleong, qualitative research aims to comprehend phenomena about the research subject in a descriptive manner, such as behavior, perception, motivation, activities, and so on.<sup>2</sup>

The research was intended to describe English Language Assessment Using Google Form, and also the obstacles of English Language Assessment Using Google Form at 11<sup>th</sup> grade of SMAN 4 Kota Serang.

---

<sup>1</sup> Sugiyono, *Metode Penelitian Pendidikan* (Bandung: Alfabeta, 2015, cet.21), p.309

<sup>2</sup> Haris Herdiansyah, *Metodologi Penelitian Kualitatif* (Jakesel: Salemba Humanika), p.9.

## **B. The Unit of Analysis**

### **a. The Site and Time of the Study**

The research is conducted on the 12<sup>th</sup> grade students of SMAN 4 Kota Serang which is located in Raya Banten Street Number 5 KM 05, Kasemen, Kec. Kasemen, Kota Serang, Banten. 42191. The researcher conducted this research in time of study is since February 14<sup>th</sup>, 2021 until March 18<sup>th</sup>, 2021.

The researcher chooses the location because some reasons, namely:

1. The institution was selected because it used online assessment as a new method and substitute to assess students in English lessons in the pandemic era.
2. The school uses Google Form as a media. So, the researcher interest to do research in the school.

### **b. The participant of study**

To collect the data, the researcher takes the participant of the study were the twelfth class of SMAN 4 Kota Serang which consist 8 classes and two majors are 3 science classes and 5 social classes. The participants of study are the students of 12<sup>th</sup> grade of science. There were 3 classes in science major. The science major is consisted of 117 students, each class consist of 35-40 students.

### **C. Instrument and Data Collection**

In the research, the researcher uses questionnaire and interview.

#### **1. Questionnaire**

The questionnaire that consist a set of questions that aims to collect information from the student respondent about English Language Assessment Using Google Form. The research uses a close ended questionnaire to get information from the participants. The Close-ended questionnaire used a Likert scale (Sugiyono, 2008) where the researcher uses five point scales: strongly disagree, disagree, neutral, agree and strongly agree. The aspects of questionnaire are ICT understanding, Google Form system, assessment system, and English skill assessment.

The steps of questionnaire are:

1. Prepare and make the questionnaire by using Google form
2. Use the simple link to share questionnaire to the students
3. Share the link of questionnaire to students to collect the data

#### **2. Interview**

The Interview aims to collect information from the student respondent about English Language Assessment Using Google Form. The researcher uses structured interview. The structured interview is the interviewer conducts the interview using a pre-

structured collection of questions. The researcher makes open-ended questions in Google forms.

In the interview, an interviewer asks open-ended questions without response options and records the comments of the interview. The researcher chooses the structure interview because it is more organized to do interview.

For collecting the data from the interview, the researcher uses the steps as follows:

- a. The researcher prepares the concept of questions that would be asked to 117 the students of science at SMAN 4 Kota Serang.
- b. In the pandemic situation, the researcher uses open-ended questions by Google Form to interview 117 the students of science at SMAN 4 Kota Serang.
- c. Share the link of Google form to the students, and the students will respond the interview.
- d. The researcher writes interview transcript based on the results of open-ended questions.

#### **D. Frequency of The appearance of Data**

$$\text{Formula} = \frac{\text{Number}}{\text{Total Number}} \times 100\%$$

## **E. The Approach to Analyze the data**

### 1. Data reduction

Data reduction is the method of compiling and standardizing all data into a script that will be analyzed.<sup>3</sup> After conducting an interview with the students and administering a questionnaire, the researcher gets the data from interview and questionnaire.

The result of interview and questionnaire shows how the English language assessment using Google Form and the students' obstacles in conducting English language assessment using Google forms.

### 2. Data display

The data display demonstrated a collection of organized and compressed information that allows for the drawing and implementation of conclusions.<sup>4</sup> The researcher displays the data of the research by making a narration of the interview and questionnaire results that the researcher obtained because the researcher uses descriptive qualitative research

### 3. Conclusion

---

<sup>3</sup> Haris Herdiansyah, *Metodologi Penelitian Kualitatif* (Jaksel: Salemba Humanika),p.180

<sup>4</sup> Matthew B. Miles, et. Al., *Qualitative Data Analysis* (USA: SAGE Publication, 2014),p.120

The final step in research data analysis is to record conclusions and validate data.<sup>5</sup> The researcher starts to decide the important variables to draw in the conclusion. As a result, the final conclusion will be fulfilled by valid and consistent an evidence that has been collected.

#### THE LIST OF STUDENTS INTERVIEW (OPEN-ENDED QUESTION)

No	Question	Number of Question
1.	How is English language assessment using Google form?	31
2.	What are the obstacles when conducting an English assessment using Google Form?	32
3.	What are the advantages when conducting an English assessment using Google Form?	33
4.	Is Google Forms an efficient application for conducting English assessment and why?	34
5.	Can English language assessment using Google form be used after	35

---

<sup>5</sup> Matthew B. Miles, et. Al., *Qualitative Data Analysis*, p.121

	the pandemic is over, and why?	
--	--------------------------------	--

QUESTIONNAIRE INSTRUMENT (CLOSE-ENDED QUESTIONNAIRE)

Indicator	Statement	Number of question
ICT Understanding (5 Question)	I often use Hand Phone during pandemic era.	6
	I can use Hand Phone for learning English during pandemic era	7
	I use the Google Forms application, Google Meeting, Google Classroom, etc. for learning English	8
	I usually access the internet for learning English during the pandemic	9
	I don't have difficulty in accessing the internet	10
Google Form System (5 Question)	The application used during the final semester assessment is Google Form	11
	Google forms is a practical applications and an efficient way to get information	12
	Using Google form saves time	13

	It easy to register to Google form	14
	Google forms are easy to carry out online assessments	15
Assessment System (5 Question)	The assessment used in the final semester is an online assessment	16
	Online assessment better than paper based/offline assessment	17
	I can change my answer when doing online assessment	18
	I feel comfortable when doing an online assessment because no one is controlling	19
	I have enough time to check my answer when doing online assessment	20
English Skill Assessment a. Writing Assessment	I often find the text on English language assessment	21
	The types text of questions used in the online assessment are screenshot text	22
	It used the present tense and present future tense	23
	I easily understand the questions on the English assessment	24
	The questions on the English	25



	assessment according to the syllabus.	
English Skill Assessment b. Reading Assessment	I easily understand when reading English assessment questions	26
	I don't have any difficulties when reading English assessment questions	27
	The instruction in doing test is easy to understand	28
	I easily understand when reading the dialogue in the English assessment questions because It is a simple dialogue text	29
	When there is a picture that contains long text, I first read the questions than read the text	30