

CHAPTER III

RESEARCH METHODOLOGY

3.1 Research Design

This research uses Qualitative Method. Research is analysed in the Grounded Theory research in Constructivist Design. As indicated by Creswell (2012) a Grounded Theory design is a systematic qualitative method that describe an extensive conceptual level, a process, an action, or an interaction about an actual topic through collecting data, identifying categories, connecting the categories, and forming a theory that explains the process. The Constructivist Design illustrates someone's feeling and experience of a phenomenon or a process also, the statements and meanings of someone's are studied in more descriptive way.

3.2 Source of Data

The data collected through open questionnaire, and semi-structured interview to support the students' opinions on the questionnaire. Purposive sampling technique used in this research because, it used only the students who already use the Google Classroom system in their teaching and learning. The samples were 6th semester students in English Language Education at FKIP UIR in the Academic Year of 2017/2018. Furthermore, the sample, which is a part of population is all the students in FKIP UIR, be composed of 30 students.

This research uses Open Questionnaire and Semi-Structured Interview, the questionnaire to the respondents is in a written form and directly derives to the students who already use Google Classroom in their learning process. These

techniques are used to find out and complete the information of students' perception towards Google Classroom that adopted from Davis (1989), includes the indicator of students' perception towards media technology; Perceived Usefulness, Perceived Ease of Use, Attitude towards Using, Behavioural Intention of Use, and Actual System Use. These indicators of this research are provided on the table 3.1 below.

Table 1 Indicators of Questionnaire

No	Indicators	Items	Total Number of Questionnaire
1	Perceived Usefulness	1, 2, 3, 4, 5	5
2	Perceived Ease of Use	6, 7, 8, 9, 10	5
3	Attitude toward Using	11, 12, 13, 14, 15	5
4	Behavioural Intention of Use	16, 17, 18, 19, 20	5
5	Actual System Use	21, 22, 23, 24, 25	5
Total			25

Table 2 Indicators of Interview

No	Indicators	Questions
1	Perceived Usefulness	Apakah Google Classroom mempengaruhi kinerja anda dalam proses belajar mengajar? <i>(Does Google Classroom influence your performance in learning process?)</i>
2	Perceived Ease of Use	Apakah anda nyaman menggunakan Google Classroom dalam proses belajar mengajar? <i>(Do you enjoy with the usage of Google Classroom in teaching and learning process?)</i>
3	Attitude toward Using	Menurut anda apakah Google Classroom adalah ide yang bagus terhadap proses belajar mengajar? <i>(Do you think that the usage of Google</i>

		<i>Classroom in teaching and learning is a good idea?)</i>
4	Behavioural Intention of Use	Apakah anda akan selalu menggunakan Google Classroom kedepannya? <i>(Will you always use Google Classroom as your learning media?)</i>
5	Actual System Use	Seberapa sering anda menggunakan Google Classroom saat ini? <i>(How often do you use Google Classroom in your learning this time?)</i>

3.3 Data Collection Technique

The researcher collected the data in the form of qualitative. As stated by (Kothari, 2004) Qualitative Research is a research that focus on the phenomenon or the fundamental reason of individual motivation and needs through interviews, tests, and other purposes tests. The data gathered through Open Questionnaire as Primary Data and Semi-Structured Interview as Secondary Data. The interview has a role as a support towards students' opinions of the questionnaire.

3.3.1 Questionnaire

Questionnaire is a set of purposed written or typed questions that is delivered to respondents and then answer the replies (Kothari, 2004). In order to collect the data, researcher used Open Questionnaire and presented the information to the students. Then, the researcher held the classroom. The researcher gave instructions and asked the 30 students to answer the questionnaire in 30-60 minutes.

3.3.2 Interview

Interview relates to Kothari (2004) is a method to collecting data through oral or verbal presentation and respond in oral-verbal too. The researcher used Semi-Structured Interview to the students. After done the questioner, the researcher interviewing the 25% of the samples, which are 8 students; as the representative; one-by-one in order to get a real answer and support their opinion of their questionnaire.

3.4 Data Analysis Technique

Before analysing the data, depend on the data collection technique, the researcher followed the procedures to collect the data which is necessary in the research as follows:

3.4.1 Questionnaire

The data achieved through questionnaire and it analyzed by describing how the students' perception on a media, which is Google Classroom. To find out the students' perception, 5 indicators used based on the indicator of students' perception of Technology Acceptance Media (TAM) theory by Davis (1989).

3.4.2 Interview

After data collected, the data are checked, learnt, and compared to make necessary interpretation and it associated to their questionnaire too. The researcher assumed the students' perception based on the indicators and their respond in both questionnaire and interview.