

## **CHAPTER III**

### **RESEARCH METHOD**

This chapter presents about research design, research setting, subject and object of the research, data and source of the data, technique of data collecting, and data analysis procedures.

#### **A. Research Design**

In this research, the researcher wants to describe the use of Whatsapp application as media for outside teaching and learning English at English Education Department. This research is categorized as descriptive qualitative research. The meaning of descriptive research is the research that is intended to investigate the conditions or other matters already mentioned, which the result resented in the form of research reports (Arikunto, 2010).

Besides that, qualitative study is a research studies that investigate the quality of relationships, activities, situations, or materials (Fraengkel & Wallen, 2007). Therefore, qualitative research is suitable to be used in this research because the writer wants to explain the use of Whatsapp application as media for outside teaching and learning at English Education Department. So, this study used descriptive qualitative to describe qualitatively about the result of study without giving any numerical explanation.

## **B. Research Setting**

The researcher conduct this research at Antasari state Islamic University of English Education Department. It is located on Ahmad Yani Street km 4, 5 Kelurahan Kebun Bunga Banjarmasin, South Kalimantan.

The researcher decides to choose this location because the researcher would like to know the use WhatsApp application for outside teaching and learning English. The researcher conduct the research about 2 months started from April to June 2019.

## **C. Participant / Subject of the Study**

The subjects of this research are 5 English teachers and 15 students at fourth semester of English Education Department of Antasari State Islamic University who use WhatsApp application for outside teaching and learning English activities. At the fourth semester of English Department, there are 5 classes and all of the class will be the subject for this research partly. The resercher will choose 3 students in every classes as a sample or subject in this research.

In this research, the researcher focused on the roles, advantages, and disadvantages of Whatsapp application for outside Teaching and Learning English at English Education Department in Faculty of Tarbiyah and Teacher Training of Antasari State Islamic University.

## **D. Data and Sources of Data**

### 1. Data

In this research, researcher need all of data about the teacher of using WhatsApp application for outside teaching and learning English. Besides that, researcher also need all of data about students' perception on using WhatsApp application for outside teaching and learning English. All data will be taken by the researcher through some kind of instrument, there are Interview and Questionnaire.

### 2. Source of Data

The data above was collected though some sources as follow:

- a. Teacher, who use WhatsApp application for outside teaching and learning English activities.
- b. Students, some students in fourth semester of English Education Department, the students of the teacher who use WhatsApp application for outside teaching and learning English.

## **E. Technique of Data Collection**

The researcher uses the instrument to collect data includes:

### 1. Interview

The researcher used interview to collect the data. Interview is data collecting technique in which the researcher interacts to the participants to ask particular information. The researcher interviews the teachers directly

by giving 8 questions related with the research. The researcher gives the question related to the use of WhatsApp application for outside Teaching and Learning English. This technique record to smooth the researcher project. The researcher conducted interview to the teachers on 29 April to 08 May, 2019.

## 2. Questionnaire

Questionnaire is a set of question for obtaining statistically useful or personal information from individuals. In this study, the researcher used open ended questionnaire and close-ended questionnaire.

### a. Open-ended questionnaire

- 1) Respondent is free to express his views and the ideas.
- 2) Used in making intensive studies of the limited number of the cases.
- 3) Merely an issue is raised by such a questionnaire.
- 4) Do not provide any structure for the respondent's reply.
- 5) The questions and their orders are pre-determined in the nature.

### b. Close-ended questionnaire

- 1) Responses are limited to the stated alternatives.
- 2) One of the alternatives is simply YES or NO.
- 3) Respondent cannot express his own judgment.

## **F. Data Analysis Procedure**

The analysis as consisting of three concurrent flows of activity: data reduction, data display and conclusion drawing or verification (Rohidi, 2007).

### **1. Data Reduction**

Data reduction is a form of analysis that sharpens, sorts, focuses, discards, and organizes data in such a way that “final” conclusions can be drawn and verified.

The researcher divided the data based on each need. Suppose which data be used to answer how WhatsApp application is used, and data to find out student perceptions about using WhatsApp application. The data obtained by the researcher be in the form of raw data so the researcher separate the data first based on their needs.

### **2. Data Display**

The second major flow of analysis activity is data display. Generically, a display is an organized, compressed assembly of information that permits conclusion drawing and action. At this stage the researcher present the data that already exists. The researcher present interviews data, and questionnaire into narrative forms.

### **3. Conclusion Drawing/Verification**

The third stream of analysis activity is conclusion drawing and verification. From the start of data collection, the qualitative analyst is

beginning to decide what things mean-is nothing regularities, patterns, explanations.

At this stage the researcher draw conclusions from the data obtained so that the data can answer the research questions above. The researcher analyze the data based on Miles and Huberman explanation. In this study the researcher collect data by interview, and questionnaire. To find out the roles of WhatsApp application for outside teaching and learning English, researcher collect data Through interview and questionnaire. Through interview, the researcher see firsthand how does the English teacher use WhatsApp application. To find out how teachers' and students' perceptions about advantages and disadvtages of using WhatsApp researcher collect data by interview for teachers and questionnaire for students.