

## **CHAPTER III**

### **METHODOLOGY**

This chapter contains about research design, research setting, subject, object, source of data, collecting data and data analysis.

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

In this research describes about students' grammatical errors in writing by reading figures at the sixth semester of English Education Department *Tarbiyah* Faculty and Teacher Training UIN Antasari Banjarmasin. This research is descriptive qualitative. Descriptive research is research method that try to describe and interpret object appropriate with situation (Best, 1982; 119). This research using descriptive research because the researcher tries to describe the fact from result of research and the characteristic of the object researched.

This research is done by the test. In this study the researcher collected the data using test. The errors that have been collected were analyzed to determine the types of errors after by following Dulay, Burt and Krashen on Surface Strategy Taxonomy's theory. In this term errors are divided into four categories: errors of Omission, errors of Addition, errors of Misformation and errors of Misordering.

#### **B. Research Setting**

This research was conducted in English Education Department *Tarbiyah* Faculty and Teacher Training UIN Antasari Banjarmasin. Located at

Jl.A.Yani KM 4,5 Banjarmasin, South Kalimantan. This study was conducted outside the student lessons to carry out writing test on the students' to get data. The researcher is also done by analyzing of result students' writing. The study was conducted for approximately 2 months.

### **C. Subject and Object**

#### 1. The Subject of Research

The subject of this research is students' English Education Department of Sixth Semester UIN Antasari Banjarmasin academic year 2014 that have learned about figures. In English Education Department class of academic year 2014 there are four classes, they are A, B, C, and D with total number of 112 students. The researcher chose class A and D of English Education Department at the sixth semester UIN Antasari Banjarmasin academic year 2014 because they have learned about writing by reading figures especially bar graph task 1 on IELTS in short essay writing. .

Table 3.1 Numbers of Students

No	Class	Total
1	PBI A 2014	30
2	PBI D 2014	18

The total number of 48 students from two classes who have taken Short Essay Writing subject but in following test in this study is 27 students.

## 2. The Object of the Research

The object of this research is grammatical errors in writing by reading figures made by the sixth semester of English Education Department *Tarbiyah* Faculty and Teacher Training UIN Antasari Banjarmasin.

### **D. Source of Data**

Source of data is data collected directly from first source. That is students' errors in writing by reading figures of graph at the sixth semester of English Education Department *Tarbiyah* Faculty and Teacher Training UIN Antasari Banjarmasin. The data taken is the result of the test writing by reading figures.

### **E. Sources of Data Collecting**

To get the data in this research, the researcher used English test as the instrument. Test in this research is aimed to class A and D of English Education Department who have learned about figures of graph task 1 on IELTS in short essay writing subject. Test in this research is Subjective Test. Because in this research, the researcher asked the students to make short paragraph from read the figures and after that the researcher analyze their grammar in their written work.

The writer gave the test for the student's and the student did the task in the classroom. Test was conducted outside the hour student lessons. The students were given 60 minutes for writing by reading figures. Then from all of students have learned about figures, the researcher got 27 students as participant. So, there was 27 students' writing to be analyzed. To make it easier, the researcher made some steps in collecting the data from the test.

- a. Giving the test to the students
- b. Supervising the students while the test is going on
- c. Collected the answer sheet after they have finished the test
- d. Analyzed the answer sheet of the students to find out the grammatical errors made by students in writing by reading figures.

After that, the data will be explained in description analysis. Then, the writer used book and other materials such as the data from internet which have topic related to this study that support to the discussion.

#### **F. Data Analysis**

After collecting the data with documentary and test, the data will be analyzed. The data analysis in this research is a process to find out and result of the data from written test. She used some steps in order to analyze the data based on Gass and Selinker. The steps were the followings:

1. Identify the Erros

In this step, the researcher studied the acquired data and tried to find out the grammatical errors by underlying the errors.

2. Classify the Errors

The researcher classified the errors into types of errors. The classification of the errors is based on Dulay surface strategy taxonomy (1982, p.170-174) which errors can be described as Omission, Addition, Misformation and Misordering.

### 3. Quantify the Errors

The last step, the researcher counted errors from students' writing test and then the researcher classification how many errors of each the types and quantifying each percentage of error. The formula below is used

$$P = \frac{f}{n} \times 100\%$$

Note:

P: Percentage

F: Frequency of a type of error

N: Number of total errors occur