

Chapter Three

Research Methodology

In this chapter, the researcher discusses about research methodology that was used in this research. Methodology of the research discusses research design, research setting and participants, data collection and finally data analysis.

Research Design

The purpose of this research is to investigate students' grammatical error in speaking. This research used quantitative research methodology. Douglas, Amelink and Borrego (2009) stated that one of characteristic of quantitative method is discussing the percentage. It suitable for this research because in this research, the researcher also showed the percentages of students' grammatical errors then the researcher described it. This research also can be called as descriptive quantitative research.

Research Setting and Participants

This research was conducted in English Education Department of PBI UMY batch 2013. The reasons of selecting PBI UMY as the setting are: first, PBI UMY has subjects about grammar and speaking. Second, the researcher found errors on students' speaking. It was based on observations that had been conducted by the researcher. Third, the researcher is studying in UMY and he also has accesbility with participants, so these made the researcher easier in collecting the data.

The participants of this research were students of PBI UMY 2013. The reason researcher chose PBI UMY 2013 as participants because students of PBI UMY 2013 have taken the subject of Capita Selecta on Grammar or subject related to speaking. In this research, there were five students of English Education Department that became participants. To select the five students,

the research asked some students of PBI UMY if they were willing to be participants of this research. The technique of this research used purposive sampling to get the participants because researcher had characteristics for them. Zuriah (2006) explained that the selection of subject groups purposive sampling is based on the certain characteristics that have tight relation with population is known previously. For the characteristics that researcher took namely students have already taken capita selecta on grammar1-4, listening and speaking for daily conversation, listening and speaking for setting, listening and speaking for academic purposes, listening and speaking for career development. Besides that they were required to pass the subjects. The reasons are: if they have passed, they can see their skill in speaking. Then, they can also see if there are any errors that they made.

Data Collection Methods

The purpose of this research is to know what grammatical errors that are made by students of PBI UMY batch 2013 in speaking. To answer the research question, the researcher used test to collect the data. The test was in the form of interview. Here, the purpose of this test is to gather the data from students' test. Then, the data of the test was processed in data analysis.

Data Analysis

After collecting the data by using interview as test, the next step is analyzing data. In this research, there are four steps in analyzing data. Agustina (2016) divided steps in conducting the error analysis into four steps. The first is the determining the data. The second is the error identification. The third is to classify the errors based on the grammatical description. The errors

were classified based on classifies of error as stated by Dulay at al (1982). The categories are: omission, additions, misformation, and misordering. After classifying the errors, the last step is description. To make the result valid and reliable, the researcher consulted the lecturers who were more expert in analyzing grammatical error.