## **CHAPTER III**

### **RESEARCH METHODOLOGY**

This chapter deals with the procedures of conducting the research, it covers research approach and design, subject of research, data and source of data, research stages, research instruments, data collection technique, and data analysis technique

# A. Research Approach and Design

Based on Bogdan and Taylor in Moeleong state qualitative research is a research procedure that represents the descriptive data such as words in written and oral from the people and the behavior that can be observed<sup>1</sup>. According to this theory, this research is descriptive research. The researcher 'described the situations in the process of teaching and learning English especially in assessing students use peer assessment. Therefore the writer used qualitative approach to conduct this study.

Ary stated that descriptive study is designed to obtain information with the current status of phenomena<sup>2</sup>. In addition, this research is based on the observation, interview and questionnaire; it analyzed the student's assessment especially in using peer assessment. Also, it collected information about the

<sup>&</sup>lt;sup>1</sup> Moeleong, Lexy J, *Metodologi Penelitian Kualitatif* (Bandung: PT Remaja Rosdakarya, 2001)

<sup>&</sup>lt;sup>2</sup> Ary, Donald. Introduction to Research in Education (New York: Reinhart and Winston, 1979)

students' response while doing peer assessment to find out the answer to the problem stated in chapter 1.

# **B.** Researcher Presence

In this research one the roles of researcher is the collector the data such the observer and the interviewer. The researcher presence is needed in doing this research, although there are instruments used in this research to collect such data. The role of the researcher is an observer and interviewer of the participant. The teacher and students, this research subject, knew about the presence of the researcher.

### C. Subject of Research

This research would be held at Hospitality Program of State Vocational High School 1 Buduran Sidoarjo. This study carried out in the tenth grade of State Vocational High School 1 Buduran Sidoarjo. The students in tenth grade are intermediate level. There are two classes in tenth grade of hospitality program and there are 36 students in each class. The researcher choses this Vocational High School as the place for doing research because this school has a rules that the students of hospitality program must be able to speak English for serve the customer or guest.

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

The data in this study are about students' responses of peer assessment and teacher's staging in implementing peer-assessment at Hospitality

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program. Those data were collected from source data as follow; the first source was tenth grade of Hospitality students to get data of students' responses, the second was the English teacher of tenth grade to do an interview and observation checklist regarding his staging in implementing peer-assessment. The data about students' responses would be obtained by distributing questionnaire for Hospitality students. Meanwhile, the data about teacher's staging in implementing peer-assessment was obtained by interviewing the teacher and conducting the classroom observation with the observation checklist.

#### E. Research Processed

In this research processed, the researcher showed to the reader about the step from the beginning how to collect the data in general view. The first step, the researcher consulted to the teacher of State Vocational High School 1 Buduran Sidoarjo. She wanted to clarify that peer assessment applied in that school or not. Also the researcher asked permission to the teacher to join his hospitality program class to do observation at least two meetings. Then the researcher has done the observation while the teacher assessing students used peer assessment.

The next step was distributing the questionnaires to all students on the hospitality program class. After collecting the questionnaire, the researcher analyzed the result of the questionnaires to know students' response about peer assessment. Then the last step, the researcher interviewed the teacher and some of student of in hospitality program to strengthen the result of observation and questionnaire.

# F. Data Collection Technique

Data collection in this study has taken by using observation checklist; questionnaire; and interview guideline as the data collection technique. The result of observation and interview used for answering the first research question regarding how implementation of peer assessment in hospitality program. Then, the result of questionnaire used for answering the second research question related students' response about implementation of peer assessment.

## **G. Research Instruments**

In this section, the researcher used the instrument to complete all data which is needed in this study. In this research, the instruments which were used by the researcher are observation checklist, questionnaire and interview guide.

## 1. Observation Checklist

The observation checklist in this study is used to get the data related to the implementation of peer-assessment. In this section, the instrument was designed by considering some theories regarding to implementation of peer-assessment in assessing speaking performance. Conducting the observation checklist would assist information about how the students' peer-assessment in speaking practices of Hospitality program.

2. Questionnaire

Questionnaire means the question and answer between the researcher and respondent which are given lists written question form<sup>3</sup>. This instrument used to know students' response regarding peer assessment that applied by the teacher of hospitality program at tenth grade State Vocational High School 1 Buduran Sidoarjo.

3. Interview Guideline

In this stage, the researcher has taken interviewed the teacher related implementation of peer assessment based on an interview guideline. The interview guideline consist of teacher's opinion, staging of peer assessment, advantages of peer assessment, and students' responses.

## H. Data Analysis Technique

The data of this research would be analyzed in descriptive manner. In this study the researcher has done several steps to analyze the data. To analyze

<sup>&</sup>lt;sup>3</sup> Farida as quoted Sutriono Hadi, *Methodology Research*, (Yogyakarta: PT. BTPF, 2001), 54.

the information from the whole data, it would be conducted by using descriptive manner as follow<sup>4</sup>:

- 1. Identified the data based on the statement of problem
- 2. Classified each information based on each item of the questionnaire and observation
- 3. The data from questionnaire would be analyzed by using simple percentage.

Using the formula below:

 $\mathbf{P}=\frac{F}{N} \ x \ \mathbf{100\%}$ 

- P : Percentage of interest and expectation
- F : The number of frequency of the respondent answer
- N : The number of respondent
- 4. Verified and interpreted the data
- 5. Drew the conclusion

<sup>&</sup>lt;sup>4</sup> Suharsini Arikunto, "Prosedur Penelitian (Suatu Pendekatan Praktik)", (Jakarta: Rineke Cipta, 2006), 152