

CHAPTER III

RESEARCH METHOD

Research methods are important elements in the research activity. In this chapter, there are some elements used to carry out the study. They include research design, setting of the study, data and sources of data, data and collection techniques, data collection instrument and data analysis technique. All the elements are discussed as follow:

A. Research Design

Based on the research questions, the design of the study is descriptive quantitative. According to Creswell quantitative research as a type of research that is explaining phenomena by collecting numerical data that are analyzed using mathematically based methods³⁷. According to Ary, descriptive research is designed to obtain information concerning the current status of phenomena toward determining the nature a situation as it exists at the time of the study³⁸. The purpose of descriptive quantitative is to explain, summarize, various conditions, situation or variable that appeared based on

³⁷ J.W Creswell, *Research Design: Qualitative & Quantitative Approaches* (London: SAGE Publications, 1994)

³⁸ Donald Ary., et.al., *Introduction to Research in Education Third Edition* (New York: Holt, Rinehart and Winston the Dryden Press, 1985), 322.

what has happen in the research, and then it will take characteristic or description about situation, condition or that variable³⁹. In this study, the researcher collected the percentages of data based on the problem of statements. Furthermore she described the percentages based on the situation and condition second semester students of English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013 when feeling anxious in class speaking two. This research had been purposed to know the student perception about speaking anxiety and how to reduce anxious in speaking, and it explained about situation that caused anxious and how to reduce it when speaking in class speaking two.

B. Setting of the Study

The setting of this study was in English Department at State Institute for Islamic Studies Sunan Ampel Surabaya. The researcher choosen this place because she thought that it was easy to find the data which support her research at State Institute for Islamic Studies Sunan Ampel Surabaya. As the researcher knew, that second semester students of English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013 felt anxious in teaching learning process especially when practiced speaking. Hopefully,

³⁹ Bungin M. Burhan, *Metodologi Penelitian Kuantitatif: Komunikasi, Ekonomi, dan Kebijakan Publik Serta Ilmu- Ilmu Sosial Lainnya*, (Jakarta:Kencana Edisi Kedua Cetakan keenam, 2011), 44

the causes of speaking anxiety could be found, and there also would be found the way to reduce them. So, the lecturer motivated the students to speak English confidently.

C. Data and Source of Data

The researcher took the data of this study at English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013. The data were obtained to answer the research questions of the study. There were two sources of the data.

The first source of the data was the second semester students of English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013. It was used to answer two of the research questions. First was about causes of speaking anxiety. It contained about Students' experience when learning English, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two. Second was about the way to reduce speaking anxiety, it included lectures' role play to reduce speaking anxiety and strategies for second semester students at State Institute for

Islamic Studies Sunan Ampel Surabaya 2013 to reduce speaking anxiety. This research used questionnaire to get the data.

The second source of the data was the lecturer of speaking two of English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013. There were two lecturers that teach speaking 2. They answered two of research questions. First was about causes of speaking anxiety it included second semester students' speaking, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two. Second was the way to reduce speaking anxiety. It included lectures' role play to reduce speaking anxiety and strategies for second semester students at State Institute for Islamic Studies Sunan Ampel Surabaya 2013 to reduce speaking anxiety. The researcher used interview to get the data.

D. Population and Sample

In Encyclopedia of Educational Evaluation, a population is a set or collection of all elements processing one or more attributes of interest⁴⁰. In this study the researcher wanted to research all of the second semester

⁴⁰ Arikunto Suharsimi, *Prosedur Penelitian Suatu Pendekatan Praktik*, (Jakarta: Rineka Cipta Cetakan ke 13, 2006), 130

students of English Department at Tarbiyah Faculty State Institute for Islamic Studies Sunan Ampel Surabaya 2013 in class speaking two which were consist of four classes of speaking two. They are A, B, C and D. The total number the second semester students of English Department at Tarbiyah Faculty State Institute for Islamic Studies Sunan Ampel Surabaya 2013 were 85 students. In this study, the researcher took all of the population as the sample. According to Arikunto, if the subject of the research is less from 100 people, the researcher should take all of the population as the sample⁴¹. Because of the population of this study was less from 100 students, so the sample of this study was same with the population. So, the numbers of population and sample of this research were 85 students.

E. Data and Collection Techniques

The techniques for collecting data in this study were mainly through questionnaire. The questionnaire was best used for the research as this research was trying find out the description of the subject of the study. The survey with questionnaire could take data as many as needed for a descriptive research as stated by Nazir⁴².

⁴¹ Arikunto Suharsimi, *Prosedur Penelitian Suatu Pendekatan Praktik*.....,134

⁴²Moh. Nazir, *Metode Penelitian*, (Jakarta : Ghalia Indonesia, 1988), 65

1) Questionnaire

In the first step, the researcher used questionnaire. She gave the questionnaire to the second semester students of English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013. Then, the questionnaire were distributed to all of the second semester students of English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013 to get more information about Students' experience when learning English, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two and the way to reduce speaking anxiety that included lectures' role play to reduce speaking anxiety and strategies for second semester students at State Institute for Islamic Studies Sunan Ampel Surabaya 2013 to reduce speaking anxiety. Questionnaire was used to get the factual data or information as the researcher wants from the students, and the researcher used this instrument to prove that the data is valid.

2) Interview

Interview was a kind of dialogue between interviewer and respondent in order to get some information⁴³.

The second step, the researcher used interview to support the data obtained from questionnaire. It would be done after finding data from questionnaire, the researcher searched the data through interviewing the lecturers of speaking two at English Department of State Institute for Islamic Studies Sunan Ampel Surabaya 2013 to get the data more accurately about second semester students' speaking, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two and the way to reduce speaking anxiety that included lectures' role play to reduce speaking anxiety and strategies for second semester students at State Institute for Islamic Studies Sunan Ampel Surabaya 2013 to reduce speaking anxiety. In this research, the data was described with the descriptive quantitative design.

⁴³Arikunto Suharsimi, *Prosedur Penelitian: Suatu Pendekatan Praktek* (Jakarta: Rineka Cipta, 2002), 128

According to Nasution, there are two kinds of interview⁴⁴:

a) Structured interview

Structured interview was the interview that was arranged as detail as possible by the interviewer, and the interview is usually in the written form. All of question was already prepare and written.

b) Unstructured interviews

Unstructured interview was done orally. The interviewer must prepare what would be asked. In this type, the interviewer must be creative to ask something to dig up much information from the respondent.

This study used the structured interview because the interviewer had already prepared and written. In this study, she wanted to know detail information from the lecturers about second semester students' speaking, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two and the way to reduce speaking anxiety that includes lectures' role play to reduce speaking anxiety and strategies for second semester students at State Institute for

⁴⁴ Prof. Dr. S. Nasution, M. A, *Metode Research (Penelitian Ilmiah)*, (Jakarta: Sinar Grafika Offset, 1995), 117-119

Islamic Studies Sunan Ampel Surabaya 2013 to reduce speaking anxiety especially when practiced students' speaking in class speaking two.

The researcher came to the lecturers of speaking two. Then she interviewed them about second semester students' speaking, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking and the way to reduce speaking anxiety that included lectures' role play to reduce speaking anxiety and strategies for second semester students of English Department at State Institute for Islamic Studies Sunan Ampel Surabaya 2013 when practiced students' speaking in class speaking two.

F. Data Collection Instrument

Instrument of the study had purposes to collect the data of the study. It was important to choose and use the appropriate instrument to gain, gather and determine the intended data. In this research, the researcher used two kinds of instruments, questionnaire and interview guide.

1) Questionnaire

Questionnaire is list of questions which distributed to the respondent to be filled and to be returned to the researcher. Generally, questionnaire asks about respondent's opinion, attitude, or fact which is known by respondent⁴⁵.

The questionnaire is used to gather the real information from many kind of sources⁴⁶. It related about student perception on causes of speaking anxiety especially when practiced speaking. It included about students' experience when learning English, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two and the way to reduce speaking anxiety that included lectures' role play to reduce speaking anxiety and strategies for second semester students of English Department of State Institute for Islamic Studies Sunan Ampel Surabaya 2013.

2) Interview guide

The researcher interviewed lecturers of speaking two face to face to gain more information about second semester students'

⁴⁵Subyantoro Arief, and FX Suwanto, *Metode dan Teknik Penelitian Sosial*, (Yogyakarta: C.V Andi Offset, 2007), 128

⁴⁶Prof. Dr. S. Nasution, M. A, *Metode Research.....*, 128

speaking, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two and the way to reduce speaking anxiety that includes lectures' role play to reduce speaking anxiety and strategies to reduce speaking anxiety for second semester students of English Department of State Institute for Islamic Studies Sunan Ampel Surabaya 2013. The researcher prepared 10 questions for lecturer speaking two as interview guide.

G. Data Analysis Technique

1) Data from questionnaire

The data gathered from the questionnaire were analyzed using the following procedures. These procedures were adapted from Sudjana, as follow⁴⁷:

a) Preparation

The researcher checked completely names and identified of the respondents, checked the complement of the data and checked types of data content.

⁴⁷ Sudjana DR. Nana, *Penilaian Hasil Proses Belajar Mengajar*, (Bandung: Remaja Rosdakarya), 131

b) Tabulation

From the initial data above, the researcher tabulated the data by counting the response for each option of each question and put in a table.

- c) To know the general tendencies of the respondents in relations to the research questions as reflected in the questions of the questionnaire, the responses to each question are put into percentages using the following formula :

$$P = F/N \times 100 \%$$

P= the percentage of the students with the same answers

F= the number of respondents' answers

N= the number of respondents

- d) From the percentages of the responses, the researcher discussed the data in relation to the questions of the research.
- e) The researcher described the percentage. Data which had more percentages were explained first.

2) Data from Interview

The data were analyzed by using the steps by Arikunto⁴⁸, as below:

- a) As the collected data was the notes about interview, the researcher began to analyze about second semester students' speaking, students' participation in speaking class, the difficulties of speaking English, situation cause speaking anxiety, the causes and most dominant causes of speaking anxiety when practicing speaking especially in class speaking two and the way to reduce speaking anxiety that included lectures' role play to reduce speaking anxiety and strategies for second semester students to reduce speaking anxiety when practiced students' speaking in class speaking two with encoding and separating those which were the main points of it.
- b) The main points were considered as the main themes of the discussion conducted by the interview.
- c) The major themes got above were used to support the previous data collected by the questionnaire and presented altogether as the finding of the research.

Conclusion and recommendations were then drawn based on the analysis and discussion of the findings

⁴⁸Arikunto Suharsimi, *Prosedur Penelitian: Suatu Pendekatan Praktek*236