

CHAPTER III

RESEARCH METHODOLOGY

A. Research Method

This study uses a case study method with qualitative research to analyze the difficulties of Islamic Education Department students in the TOEFL, especially the reading section. The researcher uses qualitative research with a case study approach because a case study is an investigation that analyzes a problem. In this case, the problem is the difficulties faced by non-English students, especially students of the Islamic Education Department in answering the TOEFL, especially in the reading section. This study utilizes a case study. The data collection techniques through interviews and students' worksheet analysis.

B. Time and Setting

This study took place at Sultan Maulana Hasanuddin Banten, The State Islamic University, and involved 30 students of the Non-English Education Department. There are some reasons for selecting a setting. First, the students of the Islamic Education Department have obtained English courses (English 1 and 2) and reading texts: Islamic Studies. So, theoretically, they have equipped with reading skills.

Second, all students are required to take the TOEFL as one of the requirements to enroll paper seminar. They must pass the standard minimum score (400). Third, there were still many students of the Islamic Education Department who face difficulties to answer TOEFL in reading section correctly.

In addition, the sequence of this study can be illustrated in the following research timeline as follows:

Tabel 3.1 Research Timeline

No	Activity	Aug	Sept	Oct	Nov	Dec	Jan	Mar	Apr
1	Writing proposal	■	■						
2	Proposal seminar		■						
3	Consulting Chapter I			■					
4	Consulting Chapter II				■				
5	Consulting Chapter III					■	■		
6	Developing research instrument							■	
7	Collecting data							■	
8	Analyzing and interpreting data							■	■
9	Consulting Chapter IV							■	■
10	Consulting Chapter V								■
11	Finalizing paper								■

C. Participant

In this study, researchers involved students of the Islamic Education Department as non-English students. Islamic Education Department students' were selected with the consideration that they had

studied English including reading texts. Because this is a case study so the researcher only involved 2 key informants' for in-depth interviews and asked for information about any difficulties encountered in the TOEFL in the reading section for received more detailed information.

D. Data Collection Technique

To obtain valid data, the researcher used several research instruments. Instruments are indispensable for collecting data. As data reinforcement, the researcher conducted the document analysis and interviews with students about the difficulties they faced when doing the test. The techniques used by researchers in this study are:

1. Document Analysis

Document analysis is the instrument used in this study, document analysis is used to analyze the results of the work of Islamic education department students on the TOEFL answer sheet. The researcher determines which skills are included from how many questions are answered correctly and answered incorrectly so that they can determine what skills are difficult for students to answer in the reading section of the TOEFL.

2. Interview

Interviews were conducted on students' of the Islamic Education Department as informants, researchers used interviews to collect more complete data about students' difficulties in answering the TOEFL in the reading section. Interviews have an important role as a data acquisition process because they can strengthen evidence and can obtain more objective information from respondents.

Before the researcher interview the key informan, the researcher has developed a guideline of interviews with consist of three components. There is the guideline of interview:

Tabel 3.2 Guideline of Interview

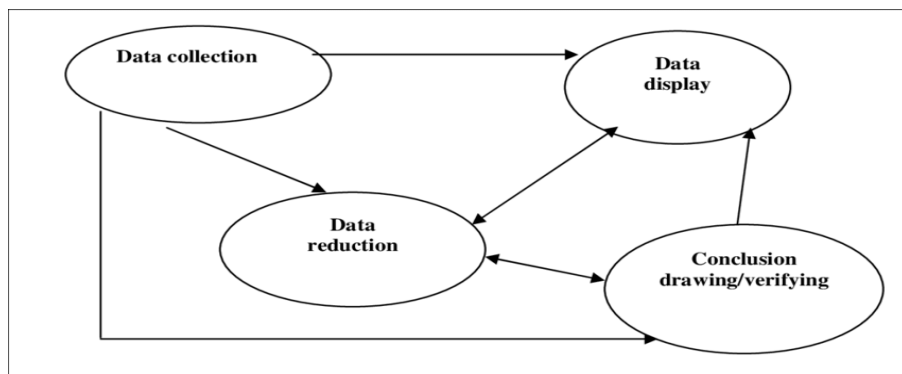
No.	Component of interview	Number of the statement	Total
1.	Students' difficulties in answering the test in the reading section	1,2,3	3
2.	Strategies used by students in dealing with difficulties	4	1
3.	The effect of learning english	5	1

E. Data Analyzing Technique

The data that has been generated will be analyzed in several stages using qualitative methods. First, the researcher collects student worksheet data to be included in the research data. Furthermore, the research analyzes the results of the student worksheets followed by interviews so that they can see the difficulties faced by students, the conclusions obtained must also show new or more detailed discoveries in the field of science that previously did not exist or were ambiguous.

Provide the figure of data analysis technique based on Miles and Huberman's theory. There are techniques in analyzing data, as follow:¹

Figure 3.1 Data Processing Technique



(Miles, Huberman, & Saldana, 2014)

¹ Matthew B. Miles & Michael Huberman, *Qualitative Data Analysis An Expanded Sourcebook*, 2nd ed. (USA: Sage Publication, 1994), 10-12.

1. Data Reduction

In data collection, the resulting data is usually still in its entirety. Overall, there are approximately 1000 participants who take the TOEFL at the Language Development Center, so data reduction is needed by only taking 30 participants from the Islamic Education Department.

2. Data Display

In the data display, the presentation of the existing data is then made in the form of a mapping by grouping each question item according to the existing skills in reading comprehension

3. Drawing Conclusion/Verification

The final analysis is in the form of drawing conclusions and verification. Drawing conclusions is an analytical activity that is more devoted to the interpretation of the data that has been presented. As for what was analyzed, it was reading comprehension skills that were the most difficult to ask in in-depth interviews.