CHAPTER III

RESEARCH METHOD

A. Research Design

The type of this research is field research. The researcher comes to the campus to observe and find out the students’ ability, the common error and the factors in pronouncing consonant minimal pairs. The design of this research is qualitative research. Design of this research is both quantitative and qualitative research. Mix methods research is the research approaches that combine or associate the form of qualitative and quantitative from. The combination of quantitative and qualitative research techniques is important because Mario and Quentin (2001, cited in Barker, 2008, p.8) said that quantitative method allow in-depth study of selected issues, cases, or events and provide critical insight into beneficiaries’ perspectives, or the reasons behind certain result observed in quantitative analysis. In this research, the researcher analyze and describe how is the students’ ability, what are the common error found in pronouncing consonant minimal pairs and what are the factors that caused students’ error in pronouncing consonant minimal pairs at the fourth semester of English department antasari state institute for Islamic studies academic year 2016/2017.
B. Research Setting

This research generally takes place at English Department Antasari State Institute for Islamic studies Banjarmasin, South Borneo where is located at A Yani km 4,5 East Banjarmasin. This research is planned to be conducted two months in 2016, the data collected from Thursday 12\textsuperscript{th} of May 2016 till 12\textsuperscript{th} of July 2016. The researcher choose the fourth semester students of antasari state institute for Islamic studies because the researcher find that they still wrong in pronouncing consonant minimal pairs word while pronunciation is one of the important skills in English that students have to master before they are ready to speak.

C. Subject and Object

1. Subject

The subjects of this research are Fourth Semester students’ of English Department Antasari State Institute for Islamic Studies Banjarmasin Academic year 2015/2016, but the researcher only take 30 students from 119 students. It take place at A Yani km 4,5 East Banjarmasin.

2. Object

The object of this research is students’ error in pronouncing consonant minimal pairs at the fourth semester students of English Department Antasari Institute State for Islamic Studies Banjarmasin.
D. Data and source of data

1. Data of Research

To answer the problem of this research, the researcher collects the following data:

a. Primary Data

The data consist of the students’ ability, the common error and the factor that caused students error in pronouncing consonant minimal pairs at the fourth semester of English Department Antasari State Institute for Islamic Studies Banjarmasin, which will be gained through pronunciation test using voice recorder, interview to the students and the lecturers.

b. Secondary Data

To complete and clarify the primary data the researcher also collect the secondary data which is related to the object of research, such as: data of the lecturer and administration staff of English department and data of the fourth semester students of English department.

2. Source of data

The data is collected through sources of data as below:

a. Respondents: The fourth semester Students of English Department of Antasari Institute State for Islamic Studies Banjarmasin.

b. Informants: The lecturers of English Department of Antasari Institute State for Islamic Studies Banjarmasin.
c. Documents: All of written resources which are needed in this research.

E. Techniques of data collection

a. Test

This technique was used for collecting data of the Fourth semester students’ error in pronouncing consonant minimal pairs of English Department Antasari State Institute for Islamic Studies Banjarmasin. The types of the test used to collect the data in the form of pronunciation test. The students were assigned to answer the correct pronunciation based on the lists of consonant minimal pairs that the researcher gives. They pronounce 46 Consonant Minimal Pairs.

b. Interview

This is used to get the information about students’ common error in pronouncing minimal pairs and the factors that caused students’ error in pronouncing consonant minimal pairs.

c. Documentary

This technique is aimed to look for any kind of the data that related to this research. To know more closely about those data, source of data and techniques of data collecting, the following matrix will be helpful:
Table 3.1 Matrix of Data Collections

<table>
<thead>
<tr>
<th>No</th>
<th>Data</th>
<th>Source of Data</th>
<th>Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Primary Data :</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The data about the analysis of students’ error in pronouncing</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>consonant minimal pairs at the fourth semester of English</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>department of Antasari State Institute for Islamic Studies.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>banjarmasin, which consist of:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. The students’ ability in pronouncing consonant minimal pairs at</td>
<td>Students.</td>
<td>Pronunciation Test.</td>
</tr>
<tr>
<td></td>
<td>the Fourth Semester at English Department of Antasari State Institute</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>for Islamic Studies.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. The common Errors found in students’ pronunciation consonant</td>
<td>Students.</td>
<td>Pronunciation Test.</td>
</tr>
<tr>
<td></td>
<td>Minimal Pairs at the Fourth Semester in English Department of</td>
<td>Teacher.</td>
<td>Interview.</td>
</tr>
<tr>
<td></td>
<td>Antasari State Institute for Islamic Studies.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. The factors that caused students’ error in pronouncing consonant</td>
<td>Students.</td>
<td>Interview.</td>
</tr>
<tr>
<td></td>
<td>minimal pairs at fourth semester in English Department of Antasari</td>
<td>Teacher.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>State Institute for Islamic Studies.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
F. Measurement of Design

The design measurement in this research is the researcher uses pronunciation test and interview to get the students’ score by using voice recorder. The scores are taken from students’ ability, common error and factor that cause students error in pronouncing consonant minimal pairs at fourth semester of English Department Antasari State Institute for Islamic Studies. The test consist of 46 listed consonant minimal pairs, each correct minimal pairs is marked 2.18 score, if only word correct is marked 1.09 score. The highest score is 100 and the lowest score is 0.

G. Technique of Data Processing and Data Analysis

1. Data Processing
   a. Editing

   This technique is used in the purpose of examining all the collected data to make sure whether the data is already collected or not.

   b. Coding

   This technique is used to make certain code on all collected data to classify them into each certain category.
c. Classifying

Researcher classifies the data that have been edited to certain kind after making certain codes.

d. Scoring

The technique is used to count frequently, where each answer will be counted to make it easier. To assess students’ result of pronouncing consonant minimal pairs the researcher uses the formula that offered by Usman and Setiawati (2001, p 136):

\[ N = \frac{\text{Score}}{\text{Max score}} \times 100 \]

\[ N = \text{final score} \]

Furthermore, the researcher uses this formula to know the group average score or mean.

\[ M = \frac{\sum x}{N} \]

Note:

\( M \) : Mean

\( \sum x \) : Accumulative score

\( N \) : Number of Class (Murdan, 2006, p. 47).

e. Interpreting
After the data are substituted into percent form, then the determining of percentage is interpreted based on Suharsimi Arikunto that she states in her book:

“The scores of students are ranked into 9 values (also called Standard Nines or Staines) as follows” (Arikunto, 1991, p.253)

<table>
<thead>
<tr>
<th>Score</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>91 – 100</td>
<td>Excellent</td>
</tr>
<tr>
<td>81 – &lt;90</td>
<td>Good</td>
</tr>
<tr>
<td>71 – &lt;80</td>
<td>Fair</td>
</tr>
<tr>
<td>61 – &lt;70</td>
<td>Bad</td>
</tr>
<tr>
<td>51 – &lt;60</td>
<td>Poor</td>
</tr>
<tr>
<td>0 – &lt;50</td>
<td>Very Poor</td>
</tr>
</tbody>
</table>

2. Data Analysis

There are three parts of analyzing the data. The first part is to find out the degree of the ability of the fourth semester students of English Department in pronouncing consonant minimal pairs. The second part is to find out the common error in their pronunciation. The third part is to find out the factors that cause students’ error in pronouncing consonant minimal pairs. All the
collected and processed data then analyze by using mix method both quantitative and qualitative.

In this research, the researcher uses oral test to get the students’ score by using voice recorder. The scores are taken from students’ ability in pronouncing consonant minimal pairs at fourth semester of English Department Antasari state institute for islamic studies banjarmasin. The test consist of 46 listed Consonant Minimal Pairs, each correct minimal pairs is marked 2.18. The highest score is 100 and the lowest score is 0.

To find out the students’ ability in pronouncing consonant minimal pairs, there are some procedures in these steps:

1. Making students’ sum and mean score
2. Classifying the students’ score
3. After the data is collected and interpreted, the researcher analyzes it by using oxford dictionary and pronunciation checker as the instrument to analyze the data. In this step, the researcher connects all of the data in oral form that shows the students’ ability and common error in pronouncing consonant minimal pairs, the researcher also collect the data from interview that shows the factors that cause the students error. After that, the researcher makes conclusion.