

CHAPTER III

RESEARCH METHODOLOGY

This chapter presents the methods used to collect and analyze data in the study. The chapter involves research method, time and place of the study, participants of the study, data and data sources, data collection procedures, and data analysis techniques, and research procedures.

3.1. Research Method

The study is focused to identify and analyze the use of linking in students' speech and the fluency of students' speech when they were delivering a speech in public. So in conducting the study, the writer uses the descriptive analysis as the method. Descriptive analysis has researchers plan and carry out descriptive studies, designed to provide rich descriptive details about people, places and other phenomena (Hall). Therefore, the researcher does not need to change the circumstances in the classroom. The study only describes what already exist in students' speech.

The transcriptions of students' speech will be analyzed with descriptive analysis. The study does not affect the students' performance and attitude in the class. The result of the study also does not affect the students' task score. The results are the description of the types of linking which are used by the students of one of the senior high school in Jakarta, SMAN 47 Jakarta in their speech and also the fluency of their speech.

3.2. Setting of the Study

This study was conducted at SMA Negeri 47 Jakarta. It is located on Jalan Delman Utama I, Tanah Kusir, Kebayoran Lama, Jakarta Selatan. The study was conducted on May 2012. This school was chosen because there was a subject called English Public Speaking subject which the students had to speak English in public. One of the activities of this subject is giving a speech in front of the other students. When the study was conducted in this class, the students had to play a role as the students council chairman and had to give a farewell speech for the graduation day of twelfth grade students .

3.3. Participants of the Study

The main participants of the study was students of tenth grade of SMA Negeri 47 Jakarta. The tenth grade students were choosed because the English Public Speaking subject was just implemented for the tenth grade students. 32 students from one class were participated in this study.

3.4. Data and Data Sources

The data in this study is the transcriptions of the students' speech. The data sources are the students' speech of SMA Negeri 47 Jakarta students which was taken when they had to deliver speech in public; in front of the teacher and also their friends. The transcriptions of the speech then was analyzed by the writer. The types of linking which are used by students and occured in the transcriptions are described and interpreted in the next chapter.

3.5. Data Collection Procedures

To collect the data, the writer conduct an observation of students' speech. The observation was done to get the speech of students when delivering a farewell speech. There are some steps to collect the data:

- 1.) Observing and recording the students' speech of the first grade students when they were delivering a speech.
- 2.) Transcribing the recording from the video file of students' speech into Latin and phonetic symbols.
- 3.) After transcribing the recordings, the writer put the data into the analysis table.

3.6. Data Analysis Techniques

In order to answer the research questions of the study, the writer analyzes the data collection with several steps. To answer the first research question, from the phonetic transcription, the writer analyzes the types of linking used by students in their speech. The writer also accounts the linking which were used by students to find the dominant type of linking which were used by students in their speech. Then, the writer analyzes the potential linking from the transcription, then accounts the linking used by students or occurred in students' speech and compare them to the potential linking from the transcription of students' speech to get the frequency of linking that were used by the students to answer the second research question; see the analysis table 3.1. The analysis table can be seen below.

Student/Participant 1

Phonetic Transcriptions	Potential Links	Actual Links		
		C-V Linking	V-V Linking	Linking-r

Table 3.1 *Analysis Table of Potential Links and Actual Links of Types of Linking Used by Students*

The results of analysis are written down in a table and discussed in the next chapter. It can provide the answer of what types of linking used by students and how the fluency of students' speech is based on their use of linking by accounting the frequency of linking usage. There will also be a percentage of the types of linking used by students in their speech. From this percentage, the writer can also analyze the type of linking that is mostly used by students in the speech.

3.7. Research Procedures

The writer did some procedures in conducting the research:

- 1) Taking a permission to the vice principle of SMA Negeri 47 Jakarta to conduct the study at SMA Negeri 47 Jakarta.
- 2) Doing an observation by videotaping the students of first grade of SMA Negeri 47 Jakarta when they were delivering a speech.
- 3) Transcribing the students' speech from the observation recorded into written text.
- 4) Rechecking the transcription result and matched with the video.
- 5) Transcribing the transcription of students' speech into phonetic transcription to analyze the data.

- 6 Rechecking the phonetic transcription result and matching with the video of students' speech carefully.
- 7) Checking and analyzing the transcriptions of words of students' speech, whether they are linked or not.
- 8) Grouping the types of linking used by students and accounting the frequency of the linking usage in a table.
- 9) Accounting the potential links of the students' speech.
- 10) Discussing the result of the analysis of types, the speech rate, and frequency of linking which are used by students to see the fluency of students' speech.
- 11) Presenting a conclusion and recommendation of the findings.