

### **CHAPTER III**

#### **RESEARCH METHOD**

This chapter presents and discusses the methodology used in conducting this research. It covers research design, data and data sources, technique of data collection, technique of data verification, and data analysis.

##### **A. Research Design**

The research design is a plan made by researcher in order to obtain specify data with rational, empirical and systematic manners (Ary et.al, 2010). In this research, the researcher planed how to know the phonological processes in the lyrics of Aladdin soundtracks.

This research belonged to descriptive qualitative research design with document or content analysis as the type of the research. According to Ary et.al (2010) in Introduction to Research in Education, content or document analysis is a research method applied to written or visual materials for the purpose of identifying specified characteristics of the material. The materials analysed can be textbooks, newspapers, web pages, speeches, television programs, advertisements, musical compositions, or any of other types of documents. As the material in this research, the researcher chose the documents of movie soundtracks' lyrics to be analysed.

## **B. Data and Data Sources**

Research data is any information that has been collected, observed, generated or created to validate original research finding. From the data, the researcher will know the result of the research. Collecting the data must be relevant with the research problem.

Related to the research problem, the data in this research will be in the form of words. The words are taken from the documentation of the transcripts of Aladdin soundtracks' lyrics. The data of this research are all the words and lyrics containing phonological processes that found in the transcripts of the lyrics. Aladdin soundtracks are consists of six songs, they are *Arabian Nights*, *A Whole New World*, *Friend Like Me*, *One Jump Ahead*, *Prince Ali*, and *Speechless*.

Meanwhile, in taking the data, the researcher needs sources to get the available data. According to Arikunto (2010:129) the source of data in the study is the subjects from which the data can be collected for the purpose of the research. From this definition, data sources can be define as from where the data is obtained. The data sources of this research are taken from the Lise LS\_Disney YouTube Channel. The materials are in the form of lyrics videos.

## **C. Technique of Data Collection**

Data collection method is the way to collect data used in the research. If looking back to what discussed before, the data of this research is related to the phonological processes. Because the data of that process was taken from

Lise LS\_Disney YouTube Channel, so the data collection did by documentation.

The researcher conducts the documentation from the transcript of Aladdin soundtracks' lyrics. The necessary steps of data collection are as follows:

1. Finding the lyrics of Aladdin soundtracks

The researcher found the lyrics of Aladdin soundtracks from Lise LS\_Disney YouTube Channel.

2. Listen and watch to the lyrics videos

The researcher listen and watch the lyrics videos to taking notes the lyrics.

3. Understanding the theory of phonological processes

In this step, the researcher understands the theory of phonological processes that used to analyse the transcript of Aladdin lyrics.

4. Reading the lyrics and listening to the lyrics video

The researcher read and listen to the lyrics video more than one, for purpose to understand deeply about the lyrics.

5. Finding out and identifying all the words which containing phonological processes.

6. Taking notes based on the classifying

The researcher takes notes based on the classifying and analysing of phonological processes.

#### **D. Data Analysis**

After collecting the data, the researcher analyse the data. The purpose of analysing the data is in order to answer the research question. The researcher must determine whether the result answer the research questions (Perry, 2008:147). In short, data analysis is systematically process to analyse the data which have been collected to answer the research questions or research problems. After the data have been obtained from data sources, the data were analysed through the following procedure:

1. Watching and listening to the lyrics videos that have been downloaded from the Lise LS\_Disney YouTube Channel and taking notes the lyrics in the paper at the same time.
2. Write down the phonetic transcription of each word in the lyrics.
3. Listening the lyrics videos and finding the phonological processes in the lyrics of the soundtracks by identifying the lyrics that contained phonological processes.
4. Classifying kinds of phonological processes. In this step the researcher classified the phonological processes that have been found in the lyrics and presented them in the following table.

<b>English Words</b>	<b>Phonetic Transcription</b>	<b>Kinds of Phonological Processes</b>	<b>Analysis</b>

***Table 3.1 Phonological Processes***

The first column was used for English words, second column was for phonetic transcription, third column was used for kinds of phonological processes, and the last column used for analysis.

5. Analysing the type of phonological processes and counting each kinds of phonological processes in order to know what kind of phonological processes that frequently occur in the lyrics.
6. The last step is drawing the conclusion based on the analysed data. After the researcher found the answer from the research problem, then the researcher made the conclusion from the data analysis.

### **E. Technique of Data Verification**

Data verification in the research can be known through credibility, transferability, dependability, and conformability test. In this research, to verify the data, the researcher chooses the credibility test. According to Ary (2010:498) credibility or truth value involves how well the researcher has established confidence in the findings based on the research design, participants, and context. In other words, the researcher needs to find the techniques that can corroborate the data in the research. To corroborate and to build the credibility of the data in this research, the researcher used triangulation. Triangulation used to check the trustworthiness of the data analysis. So the finding data can be more consistent, complete, and definite. Triangulation technique was used by researcher that is commonly used in qualitative approach. According to Meijer et.al (2002:146) as follows: “There are five kinds of triangulation in qualitative research:

1. Triangulation by data source (data collected from different persons, or at different times, or from different places);
2. Triangulation by method (observation, interviews, and documents);
3. Triangulation by researcher (comparable to inter rater reliability in quantitative methods);
4. Triangulation by theory (using different theories, for example, to explain result);
5. Triangulation by data type (e.g., combining quantitative and qualitative data).

Based on statement above, in this research, the researcher used the triangulation by theory to corroborate the data. The data related to the phonological processes in this research were triangulated by three theories. The first theory was by Fromkin (2014), second by McMahon (2002), and last by Grady in Nurhayati (2017). From the theories that mention before, the grand theory that the researcher choose in this research is the theory by Fromkin (2014). The researcher chooses the theory by Fromkin because it has wide explanation about phonological processes and companied by the examples of the words containing phonological processes. Beside using triangulation by theory, the trustworthiness of the data was supported by reading and listening the lyrics of the soundtracks to identify and categorize the phonological processes. The researcher takes the data from many sources to find out the phonological processes. The sources like books, e-books, journals, and articles that related to the research.