

CHAPTER III

RESEARCH METHOD

This part covers the methodology of research employed by the researcher. As well as the research design, data and data source, technique of data collection, technique of data verification, and data analysis. The following was a breakdown of each item's explanation.

A. Research Design

This research used song lyric to analyzing in this study. The lyric of songs will be analyzed based on the theory of lexical relations in every line. Consequently, this research used a literature study method. According to Danil and Warsiah (2009:80), literature study is a research conducted by researchers with collecting of many books, magazines related to the problem and research objectives. In addition, according to Zed (2008:3), a literature study approach is a set of actions that include gathering library data, reading and taking notes, and maintaining research resources. Therefore, in literature study, the researcher uses the library sources by doing reading, note-taking, and analyzing the research resources to gather the data. In other side, the researcher used qualitative approach. The qualitative approach, according to Dornyei (2007:29), is a data collection process that does not use numeric data or statistics to assess the data. So in this research, the researcher describe the material about lexical relations in Lukas Graham's song lyrics deeply with the theory based on Saeed (2011), Riemer (2010), and Cruse (2000).

B. Data and Data Source

The researcher combined written and spoken data in this investigation. from the written data the researcher used song lyrics of Lukas Graham and from the spoken data the researcher used Lukas Graham's songs with listening and analyzing the data. The researcher get the data from internet in https://www.wowkeren.com/seleb/lukas_graham/lirik_3.html. However, the researcher selected 7 songs from 28 songs by Lukas Graham. The researcher used application of selection criteria and sampling according to the purpose of the analysis. The sample are chosen by simple random sampling. This sampling method allows every member of the population has an equal probability of being selected as a sample. The researcher close eyes, then pointed to screen that show the title of songs. Whatever that are songs by Lukas Graham are chosen, they are the sample in this research. The following is a sampling of the research:

Table 3.1 Data and Data Source

No	TITLE	Source
1	7 Years Old	https://www.wowkeren.com/seleb/lukas_graham/lirik_3.html
2	Mama Said	
3	Not Damn Thing Changed	
4	Take The World by Storm	
5	Stick Around	
6	Happy Home	
7	No Evil	

After get the data to analysis, Because this is a qualitative research, the data to be analyzed is audio and song lyrics. according to Dornyei (2007:38) there is some ways to get qualitative data, such as record interviews, various type of text (for example field note, journal, document) and image (photos or video).

C. Technique of Data Collection

Documentation will be used to collect data for this study. Flick (2018:378) states that documentation in form of paper or digital is the method to collect data while the data is spread out. For the study, the researcher used Lukas Graham's song lyrics as the data. The song lyrics are collected from website that provide a complete collection of Lukas Graham's song lyrics. The first, researcher collects the data by copying the song lyrics from source to PC software, that is Microsoft Word. Then, the researcher starts to gives the code at the data with colors to distinguish types of lexical relations. There are the colors symbols to analysis the data:

Table 3.2 List of Songs by Lukas Graham

No	Color	Description
1		Antonymy
2		Synonymy
3		Hyponymy
4		Polysemy
5		Homonymy
6		Meronymy

D. Technique of Data Verification

Triangulation can be used to establish the reliability and validity of qualitative data. Triangulation is a strategy for evaluating the veracity of data that employs something other than the data (Moleong, 2014:330). For the research, researcher used expert validation. And the validator expert of this research is the thesis advisor of researcher. The thesis advisor is a subject matter specialist who is familiar with the researcher's theories. There is some steps to get validation are; 1) the researcher prepare the data, 2) showing processed data to the expert for checking, 3) get validation from experts which shows the data has been validated.

E. Data Analysis

Data analysis used to analysis the data to get the best point to answer the question. Perry (2008:147) states in data analysis the researcher must be determined about the result which is answer the research question. The researcher analyzing the data used theory by Saeed (2011), Riemer (2010), and Cruse (2000). According to Creswell (2007:185) states there are three step in analyzing the data. The researcher took the following three steps:

1. Preparing and Organizing

From the data collection the researchers doing some ways to preparing and organizing the data. So, the researcher downloaded Lukas Graham's songs and also downloaded the song lyrics from the website that providing complete songs and lyrics by Lukas Graham as well to make easier to analyzed for selected song lyrics.

2. Coding

The next step was coding. The researcher list the lexical relations in Lukas Graham's song lyrics and put code in every line that found the lexical relations. The codes are:

- a. S : song
- b. L : line

example: $S_1 L_{3\&4}$

It means song number 2, line 3 and 4 in song lyrics.

3. Representing the data

For the last step, the researcher showed the data contains six (6) lexical relations that can be found in seven (7) Lukas Graham selected song lyrics. From the explanation above the data will presented as bellow:

Tabel 3.3 Representing The Data

No	Type of Lexical Relations	Data	Song Title	Code
1	Antonymy	Appendix 1.5	Stick Around	S5 L5
2	Synonymy	Appendix 1.1	7 Years Old	S1 L26
3	Homonymy	Appendix 1.1	7 Years Old	S1 L21, L38

4	Meronymy	Appendix 1.4	Take The World By Storm	S4 L9, L24
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