

## CHAPTER III

### RESEARCH METHOD

#### A. Research Design

In this research paper, descriptive qualitative research was used in conducting the research. Qualitative research is an approach that exploring a certain problem that will lead to a detailed understanding of the phenomenon (Creswell & Creswell, 2018). Qualitative research method will collect the data based on words or statement from a small number of individuals that is relevant to the research problem, and then the researcher will interpret the participants' view. This method aimed to gain a deeper understanding of the phenomenon that the researcher wanted to study.

In this research, the researcher explored about Spotify user's experience when using the said application to learn vocabulary. Therefore, it is decided that qualitative method was used in this research paper since it is focused more on the students' opinion and experience in the said problem. The researcher will be investigating about how Spotify is used by English learners individually to learn vocabulary.

#### B. Research Setting

The research took place at Antasari State Islamic University of Banjarmasin, South Kalimantan. The researcher conducted the research for the fifth semester students who have already took Vocabulary course before. The researcher sent a research permission letter to conduct the research which was directed to the head major of English Education Department. After gaining

permission from the head major of English Education Major Office, the researcher conducted the research in the intended place. The research took place on November 30th – December 11th 2023.

### **C. Participants**

The participants of this research were the fifth semester students of English Education major in Antasari State Islamic University of Banjarmasin. Ten participants were chosen using snowball sampling. Snowball sampling is one of the sampling methods where the initial data was in a small amount of sample that will grow bigger, which is similar to a snowball. It was done this way since the smaller initial data were not providing enough data for the researcher to support the research. Hence, the researcher will keep recruiting new sample until the data reached the redundancy point. Redundancy is a condition where the new data collected by the researcher did not contain new information (Sugiyono, 2013). This sampling method was the most effective method to be used in this research paper since the researcher could attain the data from specific respondent that had been targeted as the subject of the research.

The participants in this paper were chosen because the respondents have taken vocabulary course and are the users of Spotify Application, which was aligned to the purpose of the study in this paper.

### **D. Data and Source of Data**

The researcher needs all of the data on how students use Spotify application as a tool for learning vocabulary. The researcher took some

documentations by taking screenshots of the interview via WhatsApp during the interview.

#### **E. Technique of Data Collection**

The technique of data collection that was used in this research paper were interview. Interview as a data collection method is an exchange of views between the interviewer and the interviewees (Hobson & Townsend, 2010). The datas that generated in interviews are normally recorded in the form of an interview transcript, a verbal record of the spoken words that will be translated into written form, and then be interpreted by the researcher using theory used in this study.

In this research, interview was an important technique to collect data because the study needs the data to found how students use Spotify as a tool to learn vocabulary. The researcher collected the data through an interview.

#### **F. Data Analysis**

In this study, the researcher applied descriptive qualitative to analyze the data. Data analyzing is occurred during and after the datas are collected (Sugiyono, 2013). The activity during qualitative data analyzing performed in an interactive manner since the start of data collection until the data is saturated (Miles & Huberman, 1994 as cited in Sugiyono, 2013). The researcher then decided to adapt and use data analysis model by Miles and Huberman since the researcher found out that this method could make the most of this research paper. This model analysis contains three steps to analyze the data, they are:

### 1. Data Reduction

In this step of data analysis, field notes, interview notes, and documentation that had been collected by the researcher will be summarized, concentrated to the more important point, and then sorted into more recognizable pattern. The researcher started from sorting the collected data by the date of interview conduction. Then, the researcher started to transcribing some recorded interview result, while some written interview result was sorted into a table to make it more readable. When the data have been sorted into more recognizable pattern, the researcher started reducing the data by discarding some unnecessary information that was found in the interview results. Starting from that stage, the data that had been reduced will be more easier to decode by the researcher into the next step of data analysis.

### 2. Data Display

The process of data analysis will be more manageable if the data is being displayed, building a path for the researcher to plan the next step of the research conduction. The data that had been reduced was displayed by using narrative text. The researcher explained the informations that were attained from the interview while providing the evidence from the interview between the respondents.

### 3. Conclusion Drawing/Verification

After displaying the data, the researcher drew some conclusions from the displayed data. The final data that are being concluded are

considered as a credible source when the data are supported by valid and consistent evidence.