

CHAPTER III

RESEARCH METHOD

A. Research Design

A plan to respond to a series of questions is known to as a research design or research strategy (McCombes, 2019). It is a framework that contains the techniques and steps for gathering, analyzing, and interpreting data. In other words, the study design, which is a component of the research proposal, outlines how the researcher would approach the major research question. In this research, the researcher used a descriptive qualitative approach to describe the result of the research. Qualitative research is an approach to exploring and understanding the meaning individual or groups ascribe to a social or human problem.

The technique that is most commonly used for data analysis would be the content analysis method. This qualitative design matches well with the research since it is used to identify and describe the android applications, and the features or advantages that can help the learner from learning English with them.

B. Research Setting

In this study, the researcher search the Android applications for learning English on the smartphone platform which is for downloading various applications.

C. Object

The objects of this research are android applications. There are Cakap, Duolingo, Memrise, HelloTalk, Hello English, Cake, Mondly Languages, Rosetta Stone, and Busuu. The android applications for learning English which are available on the smartphone platform that can be downloaded by many people.

D. Data

The data in this research retrieved using an analyze the android applications for learning English. After analyzing the android applications for learning English, the researcher described the data in descriptive form.

E. Technique of Data Collection

To get the data the researcher used technique of collecting data. Collecting of data is important for the research. The data collection technique that used by the researcher is documentation.

F. Data Analysis

Data analysis means collecting data, processing data, organizing data, and classifying data into smaller parts.

The information that used in the study's analysis serves as its foundation. In essence, the outcome of this investigation is assessed to determine whether or not the subject is viable. Since this research is qualitative, it relies on non-numerical information to form its conclusions. This study will classify and organized the aforementioned data.

According to Creswell & Creswell (2018), to collect data for qualitative research, one must identify the proposed study and purposefully select such subjects which help the researcher understand the question. Afterward, one must characterize the number of subjects researched in the particular study. Lastly, one must indicate the type of data and collect data that go beyond typical observations.

The steps of data analysis in this research are as follows:

1. The researcher downloaded several English learning applications on the Google Play Store.
2. The researcher creates an account in every application that is downloaded.
3. The researcher looked at and analyze the features.
4. The researcher makes a description of the information about the application under study obtained from the results of the analysis in the previous stage.