

CHAPTER III

METHODS AND PROCEDURES

This chapter presents: (1) method of research, (2) operational definitions, (3) participants of the study, (4) data collection, (5) data analysis, and (6) establishment trustworthiness.

3.1 Method of Research

This study used a qualitative research with descriptive approach. (Kothari, 2004) writes qualitative research is a research which describes the phenomenon with describing or underlying the causes and desires of investigation. Additionally by Taylor, Bogdan & DeVault (2016) mention that qualitative research is about how to collect descriptive data, people's own words, and records of people's behavior. In short, qualitative research can be defined as a kind of research focuses on describing a phenomenon deeply with investigating the causes of the phenomenon.

In this study, I used qualitative method to explore the teachers' perceptions and experiences in using the Apple iPad as an instructional media. The data were taken by using an interview to get more information about the phenomenon that happening to the teachers in applying Apple iPad as an instructional media. Then, the data will be presented in the descriptive form.

3.2 Operational Definitions

The title of this study is Teacher Perceptions and Experiences in Using the Apple iPad as an Instructional Media in English Language Teaching: an

Investigation in SMP Islam Al-Azhar Cairo Palembang. To avoid misunderstanding, some key words were explained. There are three words that need some explanation: instructional media in teaching and learning English, teacher perceptions and experiences and Apple iPad.

Instructional media in teaching and learning English defined as devices which can help EFL teacher and students in explaining and comprehending material. The media are usually audio and audio-visual including audio speaker, laptop, earphone, cassette, radio, internet resources, television, video, Apple TV, and film. In this study, focus on Apple iPad as an instructional media in English language teaching.

Teacher's perceptions and experiences defined as an educator who teaches students in a classroom and perceptions are a way that an individual thinks and experiences practical contact with and observation of fact or event. In this study, teachers' perceptions about first time use Apple iPad as an instructional media and teachers' experiences after using the Apple iPad.

Apple iPad defined as a device that had amazed people in the international online world. In this study, Apple iPad as an instructional media in teaching and learning process.

3.3 Participants of the Study

The participants of this study were 2 English teachers at SMP Islam Al-Azhar Cairo Palembang. Those the EFL teachers were selected to investigate their perceptions and experiences in using the Apple iPad in teaching and learning English. In this study, I chose the sample by using purposeful sampling.

Purposeful sampling technique is a non-probability sample that is selected based on characteristics of population and the objective of the study.

3.4 Data Collection

3.4.1 Interview

In this study, I used interview for collecting the data. I interviewed English teachers at SMP Islam Al-Azhar Cairo Palembang. The purpose of interviewing people was to find out what was on their minds, what they think or what they feel about something. An interview was the direct face to face of research instrument, where I asked one or more participants to get the important information about the phenomenon that happen.

In this study, I used a semi-structured interview to the teachers of English at SMP Islam Al-Azhar Cairo Palembang in order to know the teachers' perceptions and experiences in using the Apple iPad as an instructional media in teaching and learning English. The interview consist of 26 questions and has different topic to discuss. In validating the data, there were three lectures in UIN Raden Fatah Palembang as qualitative researchers. The data of instrument (interview) had been checked by them. The result of validating the data of instrument (interview) was appropriate to conducted and to be used in SMP Islam Al-azhar Cairo Palembang.

3.5 Data Analysis

In analyzing the data, I used descriptive qualitative analysis. In this study, there were six steps of analyzing qualitative data by Maria (as cited in Creswell, 2012) namely: (1) collecting the data (interview), (2) preparing the data for

analysis (an transcription), (3) exploring the data (such as read through the data) (4) coding the data (such as give a label, categorization, underline or mark to data finding), (5) coding the text for description and (6) coding the text for theme.

First, I would organize and prepare the data analysis. This involves the data of interview by using audio recording. Second, I read the data, in this step, I would transcribe audio recording. Third, I began detailed analyzing with coding process. Fourth, I used coding process to generate a description about the setting as well as a theme for analysis. Fifth, I advanced of how the description and themes would be represented in qualitative descriptive to convey the findings of analysis. The last step, I made interpretation of findings the data or meaning the data.

3.5.1 Analyzing of Teachers' Perception Towards the Use of Apple iPad as an Instructional Media

The analysis on teacher's perception towards the use of Apple iPad as an instructional media, I used interview to get the information about the teacher's perception who has use Apple iPad as an instructional media, I interview two teachers. And then, I collected the data by using a recorder and it would transcribe. Then, from the interview transcription, I read through all the data to obtain information, and then I transcribe and read the data, I reduced and simplify the data according what the teachers' mean.

Additionally, the data would be categorized and divided in theme related to literature review about teacher's perception towards the use of Apple iPad as an instructional media, I code on teacher's perception in using the apple iPad as an

instructional media. and then, I interpreted and presented the data in the form of the text which contains descriptions of teachers' said. After all the processes have been passed, I would verify the data based on the teachers' perception by using member checking. It would be show the validity and the correctness of data.

3.5.2 Analyzing of Teachers' Experiences Towards the Use of Apple iPad as an Instructional Media

To analyze the teachers' experiences towards the use of Apple iPad as an instructional media, I used interview to get the information about the teacher's experiences who has use Apple iPad as an instructional media. Then, I made an interview transcription based on the interviewee said appropriately, and then, I read all the data to get information, after that, I reduced and simplify the data according what the teachers' mean. Next, the data comes from the teacher's perspective about the experiences by using the Apple iPad as an instructional media. Furthermore, I categorized and divided the data in theme related to literature review and I given the code of data.

The last step, I interpreted and presented the data in the form of text which contains descriptions of teachers' said. I analyzed and arranged the core statement of interviewee descriptively based on the teacher's opinion. I concluded the data refers to the teachers' suitable opinion in descriptive text. After all the process have been passed, I verify the data based on the teachers' perspectives by using member checking.

3.6 Establishment Trustworthiness

Trustworthiness is the believability of the researcher's finding about what she/he has done in designing, carrying out and reporting the research to make the result credible. (Reed, Ingerman, & Berglund, 2009) explain that trustworthiness is important in the collection of empirical data, how to analysis process is conducted, and the implementation of the research outcomes.

In this study, I used member checking as the strategy to validate the accuracy or credibility of the findings. In checking the accuracy of the interview report, I asked my interviewees (the teachers) to recheck about transcribes of interview as conformity about their information which have been given by them in the interview. I asked them about the transcript that has been made, such as whether it is complete and appropriate based on their answer or not, and what the interview transcript is accordance with they mean or not. If their answer is accordance with they mean I checked it, but if it is not accordance with what they mean I asked the teacher again about what they mean. This is done to validate the data and check the correctness of trustworthiness of the data.