

## **CHAPTER III**

### **RESEARCH METHODOLOGY**

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

According to (Denzin & Lincoln, 2017) said that qualitative research is multi method in focus, involving an interpretive, and naturalistic approach to its subject matter. In addition, Miles & Huberman in (Kurniatin, 2017) states, qualitative data are very useful when someone needs to validate, supplement, explain, illuminate, or interpret the data. According to (Creswell, 2014) qualitative research is approach that involves emerging questions and some procedures, the data collected in setting of the participants and data analysis is building from particulars to general.

#### **B. Research Setting**

This research taking time a month. This research takes place at MTsN 1 Hulu Sungai Tengah. It is located on, Labuan Amas Sel, Kabupaten Hulu Sungai Tengah, and Provinsi Kalimantan Selatan. This school is chosen because this school having English as the course and implement English learning classroom. English in this school has competence teacher and better supporting facilities with other school in Hulu Sungai Tengah. The researcher want to know the extent of the development of learning English, especially how the interaction of teachers in learning English in the classroom, because this school has more competence English teacher. Researcher choose the seventh grade because they had never learn English at Elementary school, researcher wants to know how to manage interact and the process in their grade interact

properly in the English teaching learning process by competence teacher, in order to achieve high-quality achievement in the English teaching learning process.

### **C. Participants**

The subject of this research are an English teacher and students at the 7 grade at MTsN 1 Hulu Sungai Tengah. The researcher selected the students who are studying English and the total of participants in this study are 26 participants, 1 English teacher and 25 students. The researcher chose 7 grade because these class are their age in 7 grade effectively to improve English skill, also according to (Diananda, 2018) the age of this grade can be categorized as early adolescence which is phase the change occurs rapidly, emotional imbalance and instability in many things we found on this age. The participants above are expected to give the real information and the data that is related to the topic. As mention before about the competence of the teacher, the teacher that teach 7 grade is one of favorite and most competence than other teacher.

### **D. Data and Sources of Data**

Data is information gathered by the researcher in order to understand the phenomenon and answer formulated problem. In this research, the data of this research is the interaction in teaching and learning activity collected from the teacher and the students in 7 grade of MTsN 1 Hulu Sungai Tengah. The researcher took the students and the teacher interaction in the classroom during teaching English in classroom as the primary data that is collected by doing observation directly in classroom and interview to the teacher.

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

The researcher used descriptive qualitative in this research, so in conducting the research, the researcher do some ways to collect the data. The data collected by observation and interviews with the participant. As follows:

### **1. Observation**

Observation is watching the participants' activities to understand the problem. Observation is the first technique of this research. The observation wrote in a descriptive and narrative report. The observation reported descriptively based on what the researcher observe in the class. The report is narrative written, in this observation researcher investigated the types of classroom interaction from teacher and students activity and write it based on its categories of interaction. After get the data, the researcher wrote some important thing to make researcher easier in collecting the data that is contain the answer of research problem. The observation was done in August 2022. The research is intended to find out a description of the models of teaching and learning interaction in English. This observation was done in two meetings. The first observation was conducted on Monday August 8<sup>th</sup> 2022 at the seventh grade the duration was 2x40 minutes and the topic was about Leave Taking. The second observation was conducted on Wednesday August 10<sup>th</sup> 2022 in the same class and the same duration.

### **2. Interview**

Interview is a conversation between participants and interviewer.

The interviews hold on after the observation to find out how the teacher

apply classroom. The interviews used Indonesian. The interviews it wrote in a transcript form. The result of the interviews with the participants reported in the form of transcript. The interviews used Indonesian. The report is in Indonesian, but the summary of the interviews present in English. The Indonesian version use to figure out the real condition of the interviews. Some parts that use in the discussion and interpretation also translate into English. After all observation and interview transcribed, the coding applies. The data analyze based on its themes.

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

The data analysis in the research is qualitative method. According to Miles and Huberman (1984), the activities of data analysis;

##### **1. Data reduction**

Data reduction refers to the process of selecting, simplifying, abstracting, and transforming the “how” data that appear in written-up field notes; in this stage, researcher collects the main points that are obtained in the observations about teacher’s models teaching and learning interaction.

##### **2. Data display**

Data display as an organized assembly of information that permits conclusion drawing and action taking; in this stage, researcher will make a relevant data by arranging the data based on the data in the field to be easier to categorize in groups or classes on the basis of common characteristics.

3. Conclusion/drawing verifications, the meanings emerging from the data have to be tested for their plausibility, their sturdiness, their “conformability”-that is, their validity. In this stage, the researcher concludes the result of the data that have been arranged in some kind of concise and logical order which related to the classroom interaction models of teaching and learning English. The next step is describing and interpreting the data. Shortly, the steps in analyzing the data are: a) The researcher collects the data thorough observation and interview; b) The researcher selects and identifies data and focuses on the formulation of research problem; c) The researcher displays the data into the table; d) The conclusion is drawn.