CHAPTER III
RESEARCH METHOD

In this chapter, the researcher presents the research method used in to conduct the research. These are research design, research object, data collection, and data analysis.

3.1 Research Design

Research design relates to the common methodology that the researcher chooses to organize the various components of the research in a comprehensible and logical manner. Departing from “The Definition of Achievement and the Construction of Tests for Its Measurement: A Review of the Main Trends,” (2001) by Creswell, research design is the ideas and the procedures for research to specific strategies for data collection and data analysis. There are three kinds of research design: quantitative research, qualitative research, and mixed.

The quantitative research is further information about analyzing the statistical significance of results, as well as the practical results presented as effect sizes and confidence intervals. Besides, qualitative research rely on text and picture data, involve distinct data analysis steps, and employ a variety of designs. Then, mixed research is a new research design and it is not about “mixing” or combining the two forms of data in a research, but the researcher can reflect how the strength can be combined to build up a stronger understanding of the research problem or questions.
This research is qualitative research, because descriptive data from observeable topics of study is provided in the form of written or oral data. The researcher explained or showed the student perception of online learning during pandemic COVID-19 on 8th grade student at SMP Muhammadiyah 1 Malang.

3.2 Research Subject

The subject of this research is an 8th grade student at SMP Muhammadiyah 1 Malang. While on 8th grade there are A and B class, the researcher only takes student in one class as a research subject, it is the student from A class. Amount of the students from A class are 31 students, as follow; 19 men, and 12 others are women. All students from A class are going to fill the questionnaire, then the researcher will choose two students based on the questionnaire answer to join interview.

3.3 Data Collection

Data collection is the process of gathering and analyzing information on variables of interest in a methodical manner that allows one to respond to specific research questions, test theories, and evaluate findings. The researcher is going to prepare during data collection such as make the questionnaire, and the interview questions.

3.3.1 Technique and Instrument

The instruments of this research are questionnaire and interview. It caused the researcher hopes to get the best result from this research. Indeed, the researcher is going to makes the questions properly to gain good result or answer.
Moreover, the researcher also prepares the questions to interview section to know deeper what the students’ effect of online learning during pandemic COVID-19.

### 3.3.2 Procedures

The procedures that are taken while collecting the data collection are as follows:

1. Making a question for the questionnaire.
2. Sharing the questionnaire with GoogleForm Application.
3. Distributing the answer forms of questionnaire of 8th grade students on A class at SMP Muhammadiyah 1 Malang.
4. Making a question for the interview.
5. Preparing the sheet to note the important thing in the interview.

### 3.4 Data Analysis

This step includes analyzing the students’ answer to questionnaires in order to determine the student perception of online English Teaching and Learning during pandemic COVID-19. These steps as follows:

1. Collecting the answer forms from the students.
2. Analyzing the students answer.
3. Finding the best of two to join the interview.
4. Doing the interview to get deeper answer from the chosen students.
5. Noting the important thing from the students.