

## **Chapter Three**

### **Methodology**

Chapter three presents the methodology of the research. This chapter discusses research method, research setting, participants, data collection method, and data analysis & trustworthiness.

#### **Research Method**

This study focused on the use of code-mixing in teacher student's communication in the classroom. In this research, the researcher used the descriptive qualitative design to collect the data. Mahsun (2005) argues that the focus of qualitative analysis is the meaning of the designation, description, purification, and placement of data on the context of each and often describes it in the form of words rather than in numbers.

By using descriptive qualitative research, it could give detailed information related to this research. Taylor and Bogdan in Moleong (1999) stated that a qualitative method is a research procedure that produces descriptive data in the form of written or spoken words from people or the observable behaviors. The data was classified into words, phrase, clauses, and sentence that are related to the topic.

This research was suitable to use descriptive qualitative because the results reported phenomenon in which the English teacher used code mixing in her communication in learning process. Creswell (2012) description is a comprehensive interpreting of individuals, places, or events in a background of qualitative research and it is easy to begin the analysis after the first reading and coding of the data.

## **Research Setting and Participants**

The researcher chose this school because the English teacher at this school often uses code mixing in the teaching and learning process. This research was conducted at class XI in SMA Muhammadiyah 5 Yogyakarta. The school is located Jl KH Ahmad Dahlan, Purwodiningratan, Yogyakarta. Secondly, the researcher did a teaching practicum in this school in the previous semester in 2014 so that the researcher was familiar with the teachers and the conditions of the school.

The participant of this research was one male English teacher. He was born in Temanggung on 27 November 1987 S1 graduate of English education, he had been teaching English in SMA Muhammadiyah 5 Yogyakarta for four years. The researcher chooses the participant because he is a teacher who has been teaching at class XI. This observation was conducted during 2 hour in 2 meetings and the researcher find sometimes the English teacher uses code mixing in the learning process in the classroom.

## **Data Collection Method**

To collect the data through observation, the researcher used video recorder in the classroom. The video recorder was used to record teacher-student's communication in the classroom. It was used to record the communication between the English teacher and the students in the classroom. The data has collected twice in one English classroom, namely in the class XI Science program. The researcher did not join the conversation in the communication but the researcher recorded the conversation between teacher and students at the class. Before the researcher done the observation, the researcher explained the purpose

of the research to the English teacher, this research was conducted two times. the reason why the researcher do the observation twice because the researcher want to comphare the result from the first and the second observation.

### **Data Analysis**

The researcher transcribed the data of observation from video recorder into written text. Besides, the researcher converted the data from observation text into narrative text. To support the analysis, descriptive qualitative research was used to identify and describe the types and factors of code mixing in English class at SMA Muhammadiyah 5 Yogyakarta and it just words and clauses from utterance the English teacher. The researcher discused the data based on the theories that are mentioned in the literature review. The researcher used a tick mark (V) to identify the types of code mixing as well as the factors of code mixing when code mixing occurs in the conversation.

### **Instrument**

The researcher used observation form while observe the code mixing that occurs in the class. This technique was completed by writing some appropriate data from the resource, Mahsun (2005, pp.91-92). Data card for this research consists of (1) Collecting data, (2) types of the data (3) factors of the data (4) description result of the data.