

CHAPTER THREE

METHODOLOGY

This chapter discusses the methodology used in this study; which is presented in four parts. Part one presents the research design used in the study. The next part presents the populations and sample taken in this study. Afterward, the part discusses data collection and reason of choosing the method. Finally, data analysis is elaborated at the end of this methodology chapter.

Research Design

This research employs qualitative research methodology. Qualitative research methodology is suitable for this research since it will study pre-service teachers' perceptions toward their pedagogical competence. Creswell (2012) who argued that qualitative research will be appropriate to be employed when it will identify research participants' opinion, believe, or even perception.

Population and Sample

This research employs purposive sampling technique to recruit some pre-service teachers. Employing purposive sampling technique is to determine the samples of this study. This sampling technique is chosen in this study because it allows to taking the participants who possess a similar characteristic compatible with the research (Cresswel, 2012). In this case, the participants are a group of pre-service teachers who had performed Teaching Practice in the same period.

Population. The population of this study is English Education department students of UMY (University of Muhammadiyah Yogyakarta). All of students

learn how to understand pedagogical competence. In line with English Education Program, so the population of the research will involve all of English Education students, year 2010.

Sample. Sample of the research were 6 students of English Education Department. The reason of choosing these pre-service teachers of undergraduate degree program, namely English Education Department, was because these students had ever gotten the knowledge of pedagogical competence in which they have rich information which is suitable to the study. The second reason is because they were accessible. Next, they were also willing to talk and express their ideas. This research is further designed as a voluntary based research in which they are randomly selected. Hence, these reasons above are strongly supported the research.

Data Collection Method

This study aims to investigate pre-service teachers' perceptions toward their pedagogical competence. Data was collected via semi structured interview. One-on-one interview was employed as a type of interview, which Creswell (2012) described as "an ideal for interviewing participants who are not hesitant to speak, who are articulate, and who can hare idea comfortably".

While collecting the data, the researcher interviewed the participants in three aspects, namely pre-execution, execution, and evaluation. Pre-execution will focus in pre-service teacher's perceptions related to their understanding about students, learning theories/principles, and curriculum development. Meanwhile, execution was focused on pre-service teacher's perceptions related to their ability

in managing educative learning activity, using current information (ex: book, article), using educative media technology, and producing effective communication. Besides, evaluation was focused on pre-service teacher's perceptions related to their ability in conducting learning evaluation.

Data Analysis

After collecting the data by conducting interview, the next step was to analyze the data. The aim of this study was to understand and interpret the data in order to answers the research questions. There were there steps applied in this research to gather, interpret and conclude the data, the steps include transcribing the data, coding the data, and categorizing the data. The first step was to transcribe each interview which was conducted from each participant. I used a recorder in order to record the process of interviewing. Words, phrases, and sentences spoken by participants were completely transcribed. After transcribing, the second step was to code the data. Coding was a process conducted after reading the data. The final step was to categorize the data. Categorizing was to highlight and to relate every point from coding. I compared all data taken from the interview, and then each code is put in each category.