

## **CHAPTER 3**

### **METHOD OF DATA COLLECTION AND ANALYSIS**

#### **3.1 Type of Research**

The writer used a qualitative study which requires the writer to approach the informants directly and get qualitative data. Flick suggests "material to make statements about implicit and explicit dimensions and structures of meaning-making in the material and what is represented in it" (Flick, 2013). The task of researchers is truth-seeking, aimed at describing or explaining, conducted at a high level of proficiency or expertise, which results in a contribution to knowledge (Coryn, 2006). Qualitative research is a tool that is an appropriate method for understanding the meaning of individuals and groups related to social problems (Creswell, 2009). While quantitative research is meant for testing objective theories by examining the relationship among variables.

#### **3.2 Data Collection**

The writer used qualitative research because the writer wanted to know how community developing waste management. Therefore, the writer needed to interview three people.

### 3.2.1 Participants

The participants who were interviewed are three people who make useful items from plastic waste. They have an active role in managing waste. These 3 people have made plastic waste become a product and sold in Semarang.



**BEFORE**

**AFTER**

### **3.2.2 Instrument**

The writer used an interview guide and observation to collect data by interviewing business people and observing the community to collect data on how they manage waste so far.

### **3.2.3 Procedure**

The data collection procedure is:

1. The writer made an appointment with their informants in their houses and interviewed them
2. The writer recorded the interview with the resource persons.
3. The writer transcribed the data.
4. The write analyzed the results qualitatively.

### **3.2.4 Location**

The place that was chosen as the object of research was Gunungpati and Bojong Salaman. Mrs. Martina's house is located at Jatisari Rt 2 Rw 5 Bojong Salaman and Mrs. Kusmujianah is located at Jatisari Rt 5 Rw 6 Kuwasenrejo while Mrs. Wahyu resides on Puspanjolo Timur XII.

### 3.2.5 Data Analysis Method

The writer analyzed how the culture makes plastic waste into a valuable object such as handbags, mats, bags, tablecloths, coasters, wallets.

