

CHAPTER III

RESEARCH METHODOLOGY

In this chapter, According to Ratna (2012), research method may be possibly be understood as the knowledge of learning the technique research in which it finished systematically by means to resolve the problem of the research. The method in gathering the data, to inspect, method of evaluates the data and the method of presenting the outcome of analysis was also demonstrated in this process in which it manipulates the research.

3.1 Research Design

Ratna (2012) stated that qualitative research is a research which contains natural data review in a literary work and involves elements of culture. The method used in this research was the qualitative method. Theoretically, there were two kinds of research design that the researcher could found in any kind of thesis; they were quantitative and also qualitative research, but in this research, the researcher focused on the qualitative method. While in the qualitative research, usually it focused on producing a descriptive data in which the structure of words written or spoken of the individual could be obtain from book, novel, movie and any kind of object that related to literature study. In conducting this research, the researcher used qualitative research which was mostly about descriptive method and it was useful and practical to analyze the type of interpersonal relationship and the social exchange of both Hazel and Augustus in “*The Fault in Our Stars*” novel.

3.2 Object of the Research

The object of the research is very important and necessary to carry out a research in order to obtain a result in which people could use it for further research and the understanding of the term used by the researcher. The researcher has to be smart in order to decide which kind of object has to be used in this research. In this research, the object was the interpersonal relationship and social exchange of Hazel and Augustus found in “*The Fault in Our Stars*” novel. Then, the data were all the text that related to interpersonal relationship and social exchange which is written in “*The Fault in Our Stars*” novel.

3.3 Method of Collecting Data

Ratna (2012) stated that content analysis in literary works is messages which themselves are in accordance with the nature of literature. This data collection method is compatible for this research because the primary data source of this research is novel. The research will make a note that contains the data which are gathered from the data source. The step that used by the researcher in collecting the data were:

- a. Chose the source which was a novel.
- b. Read and understand the novel.
- c. Find some journals and theories from expert which had the relation to the research topic.
- d. Collecting the data which related to the research problems.
- e. Lastly categorized the data accordingly.

3.4 Method of Analyzing Data

In the method of analyzing data, Ratna (2012) stated that the method that used to analyze data has the purpose to give explanation about the suggestion between literary work and theory. Therefore, another purpose was to motivate or modify the idea of the researcher. The researcher applied and used interpersonal relationship theory proposed by Feldman (1999) to analyzed the concept of internal factor underlying friendship between Hazel and Augustus and social exchange theory proposed by Thibaut & Kelley (1959) to analyzed the concept of external factors on both Hazel and Augustus relationship that reflected in “*The Fault in Our Stars*” novel. The steps that the researcher used to analyze the data were

- a. Review the data that have been collected.
- b. Classified the data that related to the research problem.
- c. Analyzed the data based on the theory.
- d. Lastly draw a conclusion after the data have been analyzed.