

CHAPTER III

RESEARCH METHOD

A. Research Design

This research is a descriptive quantitative research. Which this study aims to describe the level of students' readiness using e-learning as a medium for learning English. The research runs naturally without any additional setting from the researcher. According to Hamdi and Baharudin (2015), quantitative descriptive is a type of research that aims to describe numbers that have been processed according to certain standardization.

B. Research Setting

This study takes place in English Education Department of Antasari State Islamic University Banjarmasin, its usually called TBI. Some lecturers in English education department has been applying e-learning in couple years. Also the researcher knows the environment well since the researcher is a student there.

There are some learning applications like Edmodo, Schoology, Google Classroom, also some social media applications like whatapps, youtube, and facebook that used by some TBI lecturers in learning activities during the researcher already studied before.

According to explanation above, English education department of Antasari State Islamic University completely suitable to a need of this research.

C. Participant / Subject

Research subjects determined by the researcher are batch students in 2019. Students at this stage already feel that learning is their personal responsibility, as well as the importance of experience that gives students the opportunity to be responsible for their own learning process. In addition, students who are in this level are currently or have been carrying out learning using e-learning. Whether it's e-learning through learning applications or web e-learning providers.

The sampling technique used by researchers in this study is the Simple Random Sampling technique. Simple said because the sampling of sample members from the population is done randomly without paying attention to the data in the population.

D. Data

Data obtained from researchers from students of the State Islamic University of Antasari Banjarmasin who are currently or who have already carried out learning activities using e-learning media.

In this study, to obtain data, the researcher used an interview and questionnaire that will be responded to by English Department students of the State Islamic University of Antasari Banjarmasin who are currently or have used e-learning as a medium for learning activities.

E. Data Collection Techniques

Data collection techniques in this study were used with interview and questionnaires

1. The interview itself is intended to gain many information related to the using e-learning as a media of learning English, such as what are the things or reasons to used such this system, how is it used during teaching and learning process.

2. The questionnaire is used as a supporting tool to find out more deeply and measure the level of readiness of students using e-learning as a medium for learning English. The research questionnaire used was adopted from previous similar and relevant research and was added with a number of questions that were adjusted to the characteristics of students majoring in English language education, Antasari Banjarmasin Islamic State University as research objects.

F. Research Procedure

The research stages that will be carried out by researchers in this study include research preparation, research implementation and the final stage of research. The research stage will be described as follows:

1. Research Preparation

Activities in preparation for this research include:

- a) Initial Observations, the purpose of initial observations was to obtain data on the number of students in 2019 in the English education department of the Antasari State Islamic University, Banjarmasin.
- b) Creating an interview instrument and students' questionnaire e-learning readiness. The research instrument questionnaire was based on the student's readiness to take part in online learning developed by Akaslan and Law (2011). Based on four indicators of readiness, namely, technology readiness factor, technology use factor, confidence factor, and acceptance factor. And using a Likert scale, namely the scale, Strongly Agree, Agree, Doubt, Disagree and Strongly Disagree.
- c) Conducting guidance and consulting research instruments with thesis supervisors

2. Research Implementation

- a) The questionnaires were distributed to students majoring in English education at the State Islamic University of Antasari Banjarmasin to be filled out.
- b) Conducted interviews with students majoring in English education, Antasari State Islamic University, Banjarmasin.
- c) Request documentation such as assignments that have been made by students and ask for screenshots or photos during learning which is carried out using e-learning media.

3. Final Stage of Research

The final stages in this research include:

- a) Processing and then analyzing the research data obtained during research data collection.
- b) Conclude the results of the research data analysis.
- c) Prepare a research report.

G. Data Analysis

Data analysis is the most important and also difficult part of research, because there will be obtained some important informations in the form of research findings. Data analysis is an activity that is done for clarifying or categorizing the data as stated.

The data analysis used in this research is descriptive method. Data were analyzed descriptively in order to describe the level of students' readiness in using e-learning as a medium of learning English. The stages of analyzing data in this study are:

1. Converting suspended data from the students 'assessment questionnaire' readiness in using e-learning as a medium of learning English. In order to be

able to analyze the data further, each answer from this questionnaire was converted into a numeric suspension. The score obtained is then calculated the average.

2. Furthermore, from the calculation results, to interpret the results of the measurement and to see the level of e-readiness, the method of determining e-readiness that has been used in previous research by Aydin & Tasci (2005) is adopted, dividing into four scales, namely, no readiness. and it takes hard work to achieve success, not ready and takes some work to achieve success, ready but still needs a little improvement, really ready for e-learning implementation. Data analysis using qualitative descriptive techniques using numeric is the first step in the entire analysis process to make it easier for researchers to describe the results of the questionnaire.
3. The results of interviews with TBI students were analyzed descriptively.
4. Make conclusions from the research results descriptively, how to describe the level of students' readiness in using e-learning as a media of learning English for students majoring in English education at the State Islamic University of Antasari Banjarmasin.

