

CHAPTER III

METHODOLOGY

This chapter presents the design of the study, settings, research question, technique of data collection, and followed by the technique of data analysis.

3.1 Research Design

This study uses qualitative research. Qualitative research aims to answer questions about the meaning and dimensions of human life experience and the social world. Good qualitative research is whether the subjective meanings, actions, and social contexts of participants match what they understand (Fossey, et al., 2002). The purpose of qualitative research is to explain a phenomenon in depth through in-depth data. Therefore, topics need to be developed to see the extent of student challenges during online learning.

3.2 Setting and Context

This research was conducted on grade A students in the sixth semester of the 2019/2020 academic year. They are students majoring in English education at a university in Southeast Sulawesi, and they have experienced online learning during the Covid-19 pandemic.

3.3 Participant

The participants of this study are students of English Education Department Class A in the sixth semester. They were majoring in the English Education Department consisting of 22 students including 3 male students and 19 female students. All students are about 19 to 22 years old. This class was chosen

because they have done online learning and during online learning, students sometimes complain about the challenges they face such as the limitations of having a gadget and bad connections. During online learning, students take advantage of online learning to submit assignments and download materials that have been given by the lecturer.

Table3.1 Participant Profiles

No	Participant names (pseudonym)	Gender	Semester
1.	ST ¹	Male	VI
2.	ST ²	Male	VI
3.	ST ³	Male	VI
4.	ST ⁴	Female	VI
5.	ST ⁵	Female	VI
6.	ST ⁶	Female	VI
7.	ST ⁷	Female	VI
8.	ST ⁸	Female	VI
9.	ST ⁹	Female	VI

10.	ST ¹⁰	Female	VI
11.	ST ¹¹	Female	VI
12.	ST ¹²	Female	VI
13.	ST ¹³	Female	VI
14.	ST ¹⁴	Female	VI
15.	ST ¹⁵	Female	VI
16.	ST ¹⁶	Female	VI

3.4 Data Collection

Researchers collected data by using reflection. Reflections are given to 6th-semester students of Class A majoring in English for the 2019/2020 academic year. To minimize the spread of covid-19, reflection sheets are given using a Google Form which can make it easier for researchers to classify each participant's answers about the challenges of online learning for EFL students during the Covid-19 period. In filling out the reflection, students are asked to write it down in Indonesian to make it easier for them to express the challenges they face.

3.5 Instrument

The instrument used in this research is reflection. Reflection sheets are an effective way to use and are very helpful in getting more and more accurate data. Reflection can provide opportunities for students to communicate confidently

because there is no anxiety associated with assessment (Park, 2003). The reflection sheet in the form of a question consists of 5 questions made by the researcher. Reflections will be distributed using Google Form. In reflection, students answered questions related to EFL students' challenges of online learning during Covid-19.

3.6 Data Analysis

In analyzing the data, the researcher used the steps proposed by Crewswell (2012), namely: (1) Swallowing the data, (2) Analyzing the data, (3) Reading the data to check the completeness of the data, (4) Coding the text for the theme to be discussed. In addition, the researchers also used the step proposed by Miles and Huberman, namely: Reducing data using graphs, pictures, or charts and then verifying their research by making conclusions (Michael & Miles, 1994).

After the data was collected, the researcher analyzed the data by coding, the researcher used a pseudonym (the use of numerical). The pseudonyms used were "ST¹, ST², ST³, ST⁴, ST⁵, ST⁶, ST⁷, ST⁸, ST⁹, ST¹⁰, ST¹¹, ST¹², ST¹³, ST¹⁴, ST¹⁵, and ST¹⁶. In coding, the researcher used thematic analysis. Thematic coding is a way of analyzing data to identify patterns or find subject data collected through research (Braun & Clarke, 2006). The topics used focus on student challenges during online learning. Students' reflections are categorized using a table with two colors for classification. P code marked with **yellow color** is categorized as preparation, while the C code with **bluecolor** is categorized as challenges.

In analyzing the data, the researcher used the theory of Bazeley (2009) which provides a process of analyzing the quantitative data that has been collected. After the data is collected, the researcher provides a code for the data. Coding is done to paste the data that has been collected into the table. In the process of coding the data, the researcher used thematic coding (thematic analysis) based on student reflection which was adapted from Braun & Clarke (2006).

Table 3.1 Example of Data Coding

Theme and Code	Students' Reflection	Code
Preparation (P)	<ul style="list-style-type: none"> • Ada beberapa persiapan yang saya lakukan dalam menghadapi pembelajaran online selama masa covid-19. Yang pertama adalah kuota data internet serta koneksi internet yang stabil. Kedua, menyiapkan mental dan kesiapan diri untuk selalu siap melakukan pembelajaran online. (ST⁴ of Q1). • Tentu dalam menghadapi pembelajaran online selama masa Covid 19 saya harus mempersiapkan diri,mental. Saya harus menyiapkan segala yang di butuh untuk kuliah online seperti handphone/laptop dan terutama paket data. (ST⁸ of Q1). 	(P)

<p>Challenges</p> <p>(C)</p>	<ul style="list-style-type: none"> • Tantangannya yang saya alami yaitu kondisi lingkungan rumah yang kadang berisik. Gangguannya kadang berasal dari suara ayam berkokok, music yang di putar tetangga dengan nyaring. (ST¹ of Q2). • Saya terkadang tidak begitu memahami penjelasan dari dosen karna jaringan internet yang kurang baik dirumah saya. (ST¹⁰ of Q3). • Selama belajar online saya merasa segan dan takut untuk bertanya kepada teman terkait materi yang saya kurang pahami begitupun kepada dosen merasa saja lebih terbatas. (ST⁵ of Q4). • Tantangannya seperti ketika paket data habis, maka mau tidak mau mengharuskan saya untuk membeli paket data. Seperti yang kita ketahui dimasa pandemi kondisi perekonomian cukup sulit dan tidak stabil. (ST¹³ of Q5). 	<p>(C)</p>
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