CHAPTER III
RESEARCH METHODOLOGY

A. Research Method

This research is the type of descriptive research that uses the qualitative method. The qualitative method is a type of research in which data collection is not obtained through the form of numbers or calculations in data collection. Gunawan's opinion, qualitative research tries to describe or explain something in the form of interaction of human behavior in a particular event based on the researcher's point of view.[1] In addition, Nugrahani, research using the qualitative method aim to find out in-depth about the portrait of the situation in an experienced context (*natural setting*) about what happened according to the conditions that occurred in the field.[2]

All data are collected to determine the clarity of the research problem to be presented in the study. This research is devoted to the implementation of blended learning in English learning during the Coronavirus pandemic. It explains the analysis of the implementation of blended learning by English teachers, obstacles, solutions to the obstacles, and the benefits in the implementation of blended learning in English learning at SMP NU Putri Nawa Kartika Kudus.

B. Research Setting

The research location is an area where research is possibly conducted. The researcher take SMP NU Putri Nawa Kartika Kudus which had implemented blended learning during the Coronavirus pandemic. The research timeline is from 4 July to 6 August 2022. During this research, because of the Coronavirus pandemic, learning was conducted online. However, with a new policy from the government, learning could be done both face-to-face and online.

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[1] Imam Gunawan, Metode Penelitian Kualitatif: teori dan praktik (Jakarta: Bumi Aksara, 2022), https://books.google.co.id/books?hl=id&lr=&id=AqSAEAAAQBAJ&oi=fnd&pg=PP1&dq=Imam+Gunawan,+%E2%80%9CMetode+Penelitian+Kualitatif%E2%80%99%99&ots=m1-poq5RnO&sig=2lTws8L5s8J-

[2] Farida Nugrahani, Metode penelitian kualitatif dalam penelitian pendidikan bahasa (Solo: Cakra Books, 2014), https://library.stiba.ac.id/uploaded_files/temporary/DigitalCollection/ZTAyMWVkYzVlNTY4NWMyYWI1NjZhNThmNjIyOTYzZDg3YWUxYjdjjNA==.pdf

C. Research Subject

The subjects or participants in this research are English teachers and several 8th-grade students at SMP NU Putri Nawa Kartika Kudus as samples. In selecting participants, the researcher use a probably sampling or random sampling technique. Random sampling is taking the participants randomly in simple way or random numbers.[3] The researcher also adds data from their principal, the vice principal of curriculum, to ensure the validity of data obtained from English teachers and students. The researcher will collect data and documentation and then analyze the data.

D. Instrument and Data Collection Technique

Instruments and techniques for collecting data used in this study are:

1. Observation

Observation in this research is used to collect data by focusing on an object. Observation is one of the research methods used in appropriate research strategies to observe behavior in the environment that occurs naturally.[4]

The researcher conducted direct observations at SMP NU Putri Nawa Kartika Kudus which implemented blended learning during the Covid-19 pandemic. The researcher observe the application of blended learning both face-to-face and online. This observation is conducted on how the implementation of blended learning during the Covid-19 pandemic in English learning, benefits, supporting factors, obstacles experienced during implementation, and solutions to resolve the obstacles experienced at the eighth grade of SMP NU Putri Nawa Kartika Kudus.

2. Interview

The interview is an effective technique for gathering important information about the personality and character of the people. The interview can be defined as a form of consultation in which the researcher wants to explore in-depth information based on the exposure of individuals who are asked by the researcher about a problem.[5]

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[3] Supardi, "Populasi dan Sampel Penelitian," *UNISIA,* no. 17 (1993): 101.

[4] Malgorzata Ciesielska, et al., "Observation Methods," *Qualitative methodologies in organization studies* (2018): p. 42.

[5] Essa Ali R Adhabi and Christian Blash Anozie, "Literature Review for The Type of Interview in Qualitative Research," *International Journal of Education* 9, no. 3 (2017): p. 88.

In this study, the researcher used written notes and audio records. The object will be studied is an English teacher in grade 8, several students in the 8th grade, the principal and the vice principal of curriculum at SMP NU Putri Nawa Kartika Kudus who applied blended learning during the Covid-19 pandemic includes the implementation and obstacles faced in the English learning process.

3. Documentation

The documentation in this study is conducted to collect data in the form of images during the face-to-face learning process and screenshots of learning using the WhatsApp application in online learning during the implementation of blended learning in learning English.

E. Research Data Validity

Validity in qualitative research is the suitability of the desired results from the tools, processes, data, and methodologies to answer research questions so that the design use is valid for sampling and data analysis so that the final results and conclusions are correct.[6] The validity of the data used by the researcher here is triangulation. Triangulation is used for the process of examining data in qualitative research, evaluating various sources of evidence to corroborate and validate the information.[7] The following are the types of triangulation used by the researcher:

1. Source Triangulation

Source triangulation is used to collect data and check the credibility of data from various available sources.[8] Therefore, the researcher collected data from the English teacher of SMP NU Putri Nawa Kartika Kudus, students, the principal, and the vice principal of curriculum.

2. Technique Triangulation

The triangulation technique is used to collect data and check the credibility of the data with different techniques from the same

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[6] Lawrence Leung, "Validity, Reliability, and Generalizability in Qualitative research," *Journal of family medicine and primary care* 4, no. 3 (2015): p. 325.

[7] Bonnie S. Brennen, "Qualitative Research Methods for Media Studies," *Routledge* (2021): p. 8.

[8] Farida Nugrahani, Metode Penelitian Kualitatif dalam Penelitian Pendidikan Bahasa," p. 116.

source.[9] In this study, the researcher examines the results of the study using observation, interview, and documentation data collection techniques so that the validity of the data can be trusted.

F. Data Analysis Technique

Data analysis is an effort to find and organize data based on the results of observations, interviews, and others to increase understanding of the problems in research and then present them to others as findings.[10] So, data analysis is the process of collecting data from various sources systematically. The stages of data analysis used by the researcher are:

1. Data Collection

Data collection is data in the field in the form of words and actions of individuals who are observed or interviewed as the main data source, while additional data sources come from written sources such as books, scientific journals, and so on.[11] In this study, the data collected is conducted by observing and interviewing the participants. The data are in the form of written notes and audio records. After data collection is done, the researcher can do the next stage of data analysis.

2. Data Reduction

Data reduction is the process of summarizing, selecting, and focusing on simplifying data that emerges from notes in the field.[12] In this study, the researcher summarizes, selects the things that are needed, and finds important points from the results of data collection to reduce things that are not needed to present clear information and the researcher makes it easier to collect the next data needed.

3. Data Display

The display of data is the activity of collecting structured information so it is possible to draw conclusions and take action.[13] In this research, the data presented is conducted to make the

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[9] Indah Kusumaningrum, "English Languange Teaching Amid Covid-19: The Use of WhatsApp and Google Classroom As Online Learning Tools on Indonesian Islamic Senior High School 2020/2021," in Sugiyono, *"Metode Penelitian Kuantitatif,"* (Bandung: Alfabeta, 2018), p. 52.

[9] Ahmad Rijali, "Analisis Data Kualitatif," *Alhadharah: Jurnal Ilmu Dakwah* 17, no. 33 (2019): p. 84.

[10] Ahmad Rijali, "Analisis Data Kualitatif," p. 84.

[11] Ahmad Rijali, "Analisis Data Kualitatif," P. 86.

[12] Ahmad Rijali, "Analisis Data Kualitatif," P. 91.

[13] Ahmad Rijali, "Analisis Data Kualitatif," P. 94.

researcher easier to describe and understand the research. The researcher explained from the results of observations and interviews from participants' experiences about the implementation of blended learning in English learning then the data presentation is carried out in the form of descriptions, pictures, and so on.

4. Conclusion Drawing

Drawing conclusions is an effort made by the researcher during the research while in the field.[14] In this study, the conclusions described by the researcher are supported by data in the field. This conclusion will answer the research problem so that researcher will get a conclusion about the implementation of blended learning in English learning during the Covid-19 pandemic era at SMP NU Putri Nawa Kartika Kudus.

G. Research Ethical Considerations

This section describes steps taken to ensure ethical research practice that shows how this research may affect participants. This section consists of the explanatory statement of the study and

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[14] Ahmad Rijali, "Analisis Data Kualitatif," P. 94.

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EXPLANATORY STATEMENT
(Research Participant)

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Project Title: THE IMPLEMENTATION OF BLENDED LEARNING MODEL BY USING WHATSAPP IN ENGLISH LEARNING DURING COVID-19 PANDEMIC ERA AT THE EIGHTH GRADE OF SMP NU PUTRI NAWA KARTIKA KUDUS

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You are invited to take part in this study. Please read this Explanatory Statement in full before deciding whether you want to participate in this research. If you would like further information regarding any respect of this project, you are encouraged to contact the researcher via the phone numbers or email addresses listed above.

What does the research involve?
This research is aimed at exploring the implementation of blended learning during the Covid-19 pandemic era. This research will be conducted to learn more about the implementation of blended learning in learning English using WhatsApp at SMP NU Putri Nawa Kartika Kudus. In addition, it will also respond to some of the problems faced in the implementation of blended learning in English learning and solutions to solve problems.
Regarding the aim of the project, participants will be interviewed individually according to the health protocol. The researcher will be the interviewer with an interview duration of about 20 to 50 minutes.

Why were you chosen for this research?
The participants have been chosen based on their experience with the implementation of blended learning in teaching and learning English using WhatsApp at SMP NU Putri Nawa Kartika Kudus. Participants will be approached according to their roles.

Consenting to participate in the project and withdrawing from the research
Please fill free to fill in the invitation form through the consent form which must be signed by the participant to participate in the study. Participants have the right to withdraw if they no longer wish to participate in the research process. The researcher will collect data during

the interview so that participants cannot retrieve information when the interview has been conducted with certain participants.

Possible benefits and risks to participants

You will have the opportunity to be involved in this research project and understand the process of implementing blended learning in learning English using WhatsApp at SMP NU Putri Nawa Kartika Kudus, some of the problems faced in implementing blended learning in English learning, and solutions to solve these problems. The results of the study will be able to analyze the benefits of implementing blended learning when applied.

Confidentiality

The data that you provide may be used in this research. Only relevant information will be used, published, or presented for public view. No personal information will be collected. Therefore, participants' privacy will be protected during the interview and copying of the contents for analysis.

Storage of data

The interview recordings and transcripts will be stored and protected by the researcher. The published interview transcripts are transcripts that have undergone a data reduction process and are only relevant to the data needed for research.

Results

If you would like a copy of the article that we hope to publish, please tell us and we will send it to you in due course.

Complaints

If you have any concerns or complaints about the conduct of the research project, you are welcome to contact the chief investigator of this research.

State Institute of Islamic Studies of Kudus
Faculty of Education
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Thank you
Sincerely,

Hj. Alfu Nikmah, M.Pd.
NIP. 19800117201503200

CONSENT FORM
(Research Participant)

Project Title: THE IMPLEMENTATION OF BLENDED LEARNING MODEL BY USING WHATSAPP IN ENGLISH LEARNING DURING COVID-19 PANDEMIC ERA AT THE EIGHTH GRADE OF SMP NU PUTRI NAWA KARTIKA KUDUS

Chief Investigator: **Hj. Alfu Nikmah, M.Pd.** (alfunikmah@iainkudus.ac.id)

I have been asked to take part in the Department of English Education of IAIN Kudus research project specified above. I have read and understood the Explanatory Statement, and I hereby consent to participate in this project.

I consent to the following:	Yes	No
Taking part in the study that includes an individual interview	☐	☐
The interview session will be audio recorded	☐	☐
My details such as my name and address will not be revealed and published to people outside the project	☐	☐
The data that I provide during this research may be used by Siti Farihatul Khoiriyah in scholarly writing and conference presentations	☐	☐

Name of Participant_____

Participant Signature   Date_____