Development of Biographical Text Teaching Materials Based on National Values Asisted by Nearpod

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Abstract. This article contains a summary of the results of research on the development of biographical text teaching materials based on national values asisted by nearpod for class X students packaged in the form of E-modules. The method used is Research and Development (R&D) with the 4D model (Four D Models) from Thiagarajan; define, design, develop, and disseminate. Data collection instruments used were (1) material and learning design validation questionnaires; (2) teacher and student response questionnaires; and (3) student learning outcomes tests. The data analysis technique uses a Likert scale. The product that will result from this development is the Nearpod assisted E-Module, which contains biographical text teaching materials based on national values. The product will be validated by material experts, learning designers, the Indonesian language teacher and students.

Keywords: *Biographical Text Teaching Materials, National Values, Nearpod*

1 Introduction

Language has a very important role in supporting the achievement of a learning goal. One of them is learning Indonesian. There are four components of language skills in learning Indonesian: listening, speaking, reading, and writing. In this regard, especially for writing skills in schools, especially vocational schools, of course, teachers have taught them, such as writing short stories, writing descriptive texts, writing news texts, writing biographical texts, and so on. But the fact is that in class X, most students have not been able to write properly, especially biographical texts. Students still have difficulty understanding the contents and parts of biographical texts, so they are not able to write the biographical text as a whole correctly.

The biographical text material taught in class X at SMK is in basic competencies, or KD 3.14, 3.15 (knowledge) and 4.14, 4.15 (skills). The difficulties experienced by the students above were discovered through an interview with an Indonesian language subject teacher at SMK Negeri 5 Langsa named Mrs. Eliwati, S.Pd., on January 16, 2023.

Based on the results of the interviews that have been conducted, he said that "Students have not been able to write biographical texts properly and correctly. This happens because

students do not know and understand the structure and rules of language when writing biographical texts". This is supported by the results of initial observations made at the school, namely from students' daily tests. From the results of these observations, it was found that students' daily test scores had not yet reached the KKM or had not achieved completeness above 71 in biographical text material. The results can be seen in Table 1.1, as outlined by the numbers below:

Table 1.1. Learning Outcomes Indonesian Material Biographical Text
Class X Students for the 2022/2023 Academic Year

Category	The Value of Learning Outcomes Review Text	Number of Students	Percentage
Not Completed	0 – 50	10	40%
	51 – 70	6	24%
Complete	71 – 100	9	36%
Total Number of Students		25	100%

Data Source: Observation at SMK Negeri 5 Langsa (16 January 2023)

The KKM score for the Indonesian subject at SMK Negeri 5 Langsa is 71. So from the data above, it can be concluded that there are still many students who have not reached the KKM that has been determined at number 71. Out of 25 students, only 9 have completed or reached the KKM limit, with a percentage of 36%. The rest have not yet reached the KKM. This indicates the difficulties experienced by students in studying the biographical text material. These results were obtained from the results of their daily exams.

The first factor causing the low test scores of students under the KKM is that they do not understand the structure of biographical texts. This can be seen from the students daily test answer sheets for the question of writing Ir. Sukarno. The second factor that causes low student scores is that students do not understand the language rules of biographical texts.

The last factor that causes low student scores under the KKM is learning resources. Teachers at SMK Negeri 5 Langsa only use the 2017 revision of the Indonesian language textbooks for classes X and K13 published by the Ministry of Education and Culture during the learning process without any additional teaching materials as support. The number of textbooks is also very limited, not in accordance with the number of students. Thus, one book is used for two students simultaneously at the time of study.

Although the Ministry of Education and Culture's (Kemendikbud) textbook aims to provide teaching materials that are uniform and in line with the national curriculum, there are a number of shortcomings in the Indonesian language textbook for class X on biographical text material. Some of these common drawbacks include:

(1) Information is not current, meaning that textbooks that have been published may experience delays in compiling or changing content. (2) Limitations in Creativity, meaning that textbooks often follow a rigid and standard format, which can hinder the creativity of teachers and students in developing teaching materials that are more interesting and interactive. (3) Lack of Interactive Approach: meaning that textbooks tend to be static with uniform text explanations. So that students become bored.

(4) Lack of interactive approaches, such as pictures, videos, or interactive activities, can cause students to be less interested in and understand the material. (5) Inconsistency of Speech Style: In some cases, textbooks may contain inconsistencies in the style of speech or

presentation of information. (6) Imbalance in Material Content, meaning that the textbook may have an imbalance issue in the choice of biographical figures presented. This could ignore the role of less well-known important figures or only focus on certain figures without providing an opportunity to understand historical diversity and other important events.

(7) The lack of examples of questions in textbooks on biographical text material that can develop students' thinking power so that they can hone their brains and increase their intelligence. Another deficiency contained in the 2017 revision of the K13 package book for class X SMK is the lack of emphasis on national values. The textbook does indeed present biographical facts, but without emphasizing the importance of national values and the contributions of these figures to the nation and state. Therefore, there must be additional material about national values so that students can also clearly know what national values are.In addition, (8) there are limitations to character development in biographical text material in textbooks. Textbooks that do not explicitly integrate character learning can fail to help students develop good attitudes, ethics, and morals from inspirational stories of biographical figures.

The teacher's proficiency in elaborating teaching materials is also an obstacle to improving the quality of learning. It is better if, in explaining biographical text material, the teacher also integrates national values into it. So, through the biographical texts of these national figures, it is hoped that they can shape the character of students who have high national values. National values are moral principles that will give birth to the good nature and attitude of every citizen as a reflection of the Indonesian nation.[1]

These factors make it difficult for students to study biographical texts. So, it can be said that basic competence in biographical text material is not achieved. KD biographical text material is contained in the syllabus for class X. Class X SMK students study this material to improve their writing skills, imitate things that can be learned from characters in biographies, and so on.

Biographical text material is found in Chapter VII of the K-13 package book, the 2017 revision. KD 3.14, 3.15 (knowledge), and 4.14, 4.15 (Skills) are KD biographical text material for class X at SMK Negeri 5 Langsa. Due to several factors that cause students' difficulties in studying biographical texts, it is necessary to develop teaching materials in the form of E-Modules on biographical text material based on national values with the help of Nearpod.

The development of biographical text teaching materials based on national values is important because it has the following positive impacts: Builds national identity, teaches noble values, increases pride in the nation's history, strengthens a sense of solidarity, inspires and motivates, improves language skills and literacy, encourages a critical and analytical attitude, and incorporates national values in biographical texts to make education more holistic and teach students about the importance of having a strong national identity, contributing positively to the nation, and loving their homeland. This will form a young generation that loves and is proud to be part of the nation and is ready to face various challenges in the future.

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[1] Ernawati, N., "Internalization of National Values through Biographical Text of National Figures for Students SMA", Prosiding Seminar Nasional II Pascasarjana UNS 2018, ISBN-978-602-97496-6-3, (2018:3).

Therefore, an innovative approach is needed for the development of biographical text teaching materials based on these national values. One solution that can be used is to use digital-based biographical text E-module technology, such as with the help of Nearpod. The Nearpod-assisted digital-based biographical text writing e-module is a learning material designed to help students develop skills in writing biographical texts using Nearpod digital technology.

This e-module focuses on Nearpod, an online platform that allows students to read, watch, and gain insight into biographical texts digitally. By using this E-module, teaching materials can be presented in an attractive format, containing multimedia content that integrates text, images, audio, and video that are relevant to national values. This will increase student interest and involvement in learning the material and enrich the learning experience.

In addition, by developing teaching materials in the form of E-Modules on biographical text material based on national values with the help of nearpod, it can help students to overcome learning difficulties at school, especially material for writing biographical texts, improve writing skills, get to know the character more deeply through his life history. , imitating the superior character of the character through his experiences or life stories, can also be a guide on what is good and not good for a student to do through learning biographical texts, and can be additional teaching material as a support for Indonesian language textbooks to enrich resources reading of students at SMK Negeri 5 Langsa.

Research that is relevant to this research is: research by Suhariyanti & Rani Rahim (2022) entitled "Development of Biographical Text Teaching Materials Based on Ethical Values in the 4.0 Era", Eva Rosyidatul Afifah (2019) entitled "Development of Biographical Text Teaching Materials with the Adobe Flash Application For Class X Students of SMA 02 Diponegoro Jember", Tris Munandar & Mubarak Ahmad (2022) entitled "Nearpod-Based E-Module in Grade 2 Civics Material with the Theme of Living in Harmony", Tri Adi Susanto (2021) entitled "Development of Nearpod E-Media through the Discovery Model to Improve Students' Critical Thinking Skills in Elementary Schools", and research by Nanik Ernawati, et al (2018) entitled "Internalization of National Values Through Biographical Texts of National Figures for High School Students". This research shows that the use of biographical texts on national figures is used as a medium for internalizing national values among high school students. The use of biographical texts on national figures is expected to be able to recall the struggles of national figures who fought for national civilization during the struggle for independence for the Republic of Indonesia. By knowing the track record of national figures and emulating them through biographical texts, students can deepen their understanding of national values.

teaching materials related to biographical texts. All of these studies involve the use of digital technology, such as Nearpod, E-Modules, E-Media, and Adobe Flash, in the teaching process. In addition, these studies aim to create innovative materials that adapt to the latest technological developments and student needs. This material targets a certain level of education and emphasizes the importance of ethical and national values.

The difference and novelty of this research with previous research is "Development of Teaching Materials for Biographical Texts Based on National Values Assisted by Nearpod," which means combining aspects of national values and the use of technology (assisted by Nearpod) in teaching biographical text material.

The quality of teaching materials developed must meet three criteria, namely: validity, practicality, and effectiveness. (1) valid if the teaching materials are of good quality, have been well assessed by the validator, and focus on the material and its components being consistently connected to one another. (2) practical, if teachers and students (respondents)

explain that teaching materials are easy to use during learning based on the results of teacher assessments and student response questionnaires. And (3) effective if students' learning outcomes increase when using the developed teaching materials.[2]

Based on the explanation above, it is necessary to develop digital-based teaching materials that are suitable for use by students in the form of teaching materials (E-Modules) entitled "Development of Teaching Materials for Biographical Texts Based on National Values Assisted by Nearpod".This research has benefits, including: (1) As information material for other researchers who will develop learning resources appropriate to Indonesian subjects; and (2) As an alternative to utilizing technology in developing nearpod teaching materials integrated with national values through biographical texts of national figures for teachers.

2 Method

The R&D method (Research and Development) is a research method used for current research. The product being developed is an E-module that contains teaching material on biographical texts based on national values, assisted by the Nearpod website. This research method refers to the 4D model (Four D Models) from Thiagarajan, namely define, design, develop, and disseminate, with a few adjustments according to the research context. The development of this 4D model is a systems approach model that was compiled based on previous models and real field experience in designing, developing, evaluating, and disseminating teacher training materials in special education.[3]

The development research phase includes defining, designing, developing, and disseminating The Define stage is carried out to analyze the needs of students, analyze the assignments given in learning, analyze concepts, and formulate learning objectives. The Design stage is carried out by compiling a product design that is being developed. The format in this development is in the form of an E-module, which contains Teaching Materials for Biographical Texts Based on National Values Assisted by Nearpod.

The Develop stage is to produce development products that aim to produce the final form of Nearpod-assisted E-Module products. After the product is ready to be developed, a product validation test is carried out on design and material experts, asking for a positive response from Indonesian teachers and students, as well as testing the product on class X students of SMK Negeri 5 Langsa to see the effectiveness of the product. In the Dissemination stage, the validation testing step is carried out, and the data obtained through a product testing questionnaire from the readability test and educator perception test is then processed to determine the validity and practicality of the product. The final product that has been classified as effective, the e-Module product, will then be uploaded to the Nearpod website online and can be accessed for study, absorption (diffusion), and use (adoption) by anyone.

The data collection instruments in this study were grouped into two parts: (1) expert validation questionnaires and teacher and student response questionnaires to test the practicality of the teaching materials developed; and (2) student learning outcomes to test the level of effectiveness of the teaching materials developed.

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[3] Thiagarajan, Sivasailam, dkk. (1974). Instructional Development for Training Teachers of Exceptional Children. Washinton DC: National Center for Improvement Educational System.

The data analysis technique uses a Likert scale. The data and information collected through material and design expert validation, student and educator response questionnaires, and the effectiveness of these teaching materials will be used in determining the level of effectiveness and usefulness of the E-Module for biographical text writing materials. In this study, researchers still reached the second stage, namely the Design stage, meaning that in this study, the research only reached the stage of designing ready-made products. This product has not been validated by experts, has not been assessed for its practicality by Indonesian language teachers, and has not been tested on class X students of SMK Negeri 5 Langsa.

3 Results And Discussion

The product resulting from this development research is an Electronic Module (e-Modul) assisted by Nearpod. This product was developed to produce materials and teaching materials that can be used for valid and practical learning for educators and students in national values-based biographical text material for class X.

The national values that will be included in the biographical text are: (1) Religious values; (2) Family values; (3) Harmony values; (4) Community values; and (5) Justice Values. Biographical text material based on national values in the Nearpod-assisted electronic module developed refers to the analysis of KD 3.14, 3.15 (Knowledge), and 4.14, 4.15 (Skills) and indicators that have been formulated. At the design stage, the researcher also prepares material (video, audio, pictures), practice questions that are added to the material, and teaching materials to be made. The following are the steps for making biographical text teaching materials based on national values in the form of an electronic module assisted by Nearpod:

(1) Prepare and arrange files of biographical text material based on national values to be used in PDF format. All components of the e-module prepared in the design stage are then assembled into a unified system using Microsoft Word.
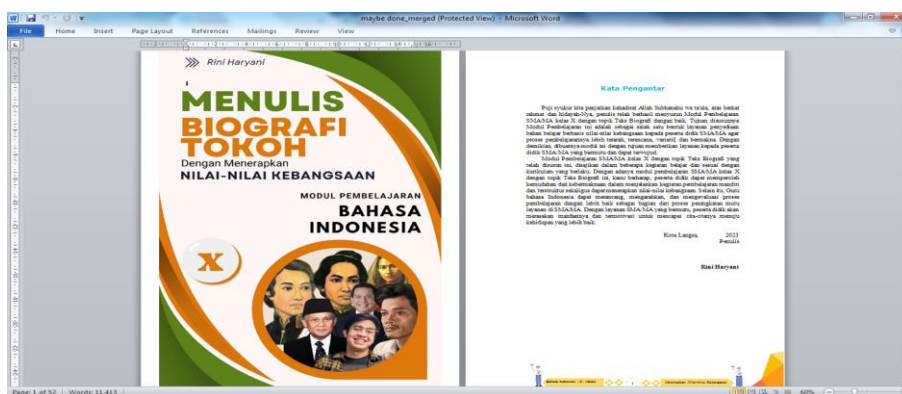

Figure 1. Preparation of Biographical Text Material Based on National Values to be Used as an E-Module Using Microsoft Word

(2) After designing and designing in Microsoft Word, uploading or entering it to the Nearpod website by opening Google Chrome, then visiting the website https://nearpod.com

(3) Then click the login button to register. If you have Gmail or Office 365, please use that account directly to register, and follow the process until you enter the Nearpod home page.

(4) Login to the Nearpod account dashboard.

(5) After logging in, create a lesson by clicking on the "Create" or "Create" option on the dashboard, then selecting "Lesson" to start designing teaching materials.

(6) Add content: add text, images, videos, and various types of interactive activities available in Nearpod (such as quizzes, questions and answers, polls, etc.).

(7) After adding content, save the material. After adding all the desired content, don't forget to save the teaching materials that have been created.

(8) Organize materials: you can manage teaching materials on the Nearpod dashboard and organize everything in folders as needed.

(9) Finally, make a presentation: After finishing designing teaching materials, we can share the lesson code or link with students to access and follow the teaching materials interactively.

The Nearpod website is used to include video, audio, images, background sound, practice questions, and games that are added to teaching materials for biographical texts based on national values.
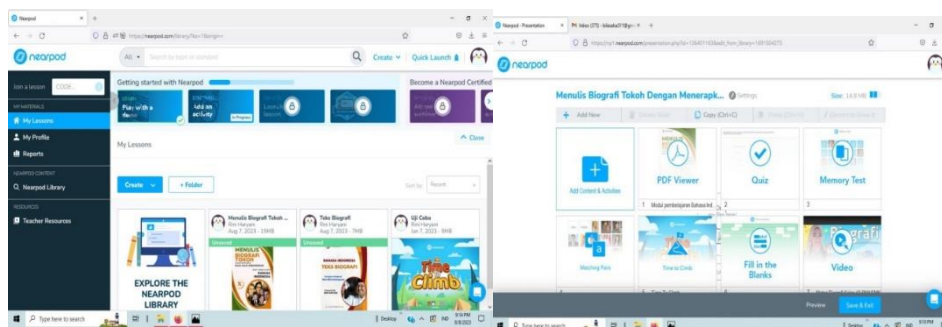

Figure 2. Product Results in the Form of E-Module Biographical Text Material Based on National Values Assisted by Nearpod

Biographical text teaching materials based on national values, assisted by Nearpod in the form of E-modules, include:

a) The cover of the E-Module is entitled "Module for Learning Indonesian: Writing Character Biographies by Applying National Values." By adding pictures of national figures to be used as the cover of the E-module.

b) The contents of the E-Module include covers, prefaces, tables of contents, pictures, charts, tables, basic competencies (KD), core competencies (KI), introductions, study guides, and learning materials and questions that students can learn independently. independent.

c) Learning Activity 1: Studying Biographical Texts

d) Learning Activity 2: Revealing Exemplary Biography Texts

e) Learning Activity 3: Analyzing the Meaning and Language of Biographical Texts

f) Learning Activity 4: Retelling the Contents of the Biography Text

g) The four learning activities contain national values.

h) At the end of each activity, there is a summary and formative test to test the extent to which students are able to learn these learning activities.
i) This e-module also provides learning videos that researchers have inserted in it to improve students' moods during learning.
j) There are also games.
k) At the end of this E-Module, the author also makes a final module test along with test answer keys to train students in understanding concepts related to biographical texts based on national values by utilizing the online Nearpod website media.
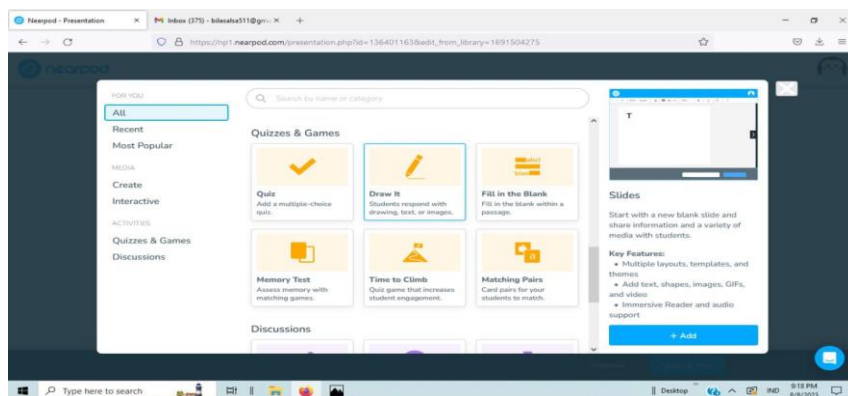

Figure 3. Games on the Nearpod Website

The development of teaching materials in the form of E-Modules on biographical text material based on national values with the help of Nearpod can help students to overcome learning difficulties at school, especially materials for writing biographical texts, improve writing skills, get to know the character more deeply through his life history, emulate superior character through his experiences or life stories, can also be a guide on what is good and not good for a student to do through learning biographical texts, and can be used as additional teaching material as a support for Indonesian language textbooks to enrich reading resources for students at SMK Negeri 5 Langsa.

After that, material and design expert lecturers will validate the created products by distributing questionnaires to them. After being validated by the validator lecturer, the next step is distributing response questionnaires to teachers and students to test the practicality of the teaching materials being developed, as well as providing and distributing these products to class X students of SMK Negeri 5 Langsa in order to test the level of effectiveness of the teaching materials being developed.

4 Conclusion

This research and development resulted in a product in the form of a Nearpod-assisted E-Module that contains biographical text teaching materials based on national values. Nearpod is a technology-based learning tool that enables teachers to create interactive content and distribute it to students via digital devices such as computers, tablets, or smartphones.

This product is expected to help students overcome learning difficulties in school, especially material for writing biographical texts, improve writing skills, get to know the character more deeply through his life history, emulate the superior character of the character through his experiences or life stories, and can also be a guide about what is good and not good for a student to do through learning biographical texts. It can also be used as additional teaching material as a support for Indonesian language textbooks to enrich students' reading resources at SMK Negeri 5 Langsa.

The product will be validated by material experts and learning designers. After being validated, it is handed over to the Indonesian language teacher and students to be given a response. Furthermore, the product was tested on class X students to see its effectiveness. The national values included in the biographical text teaching materials are religious values, or spiritual values; national values; harmony values; populist values; and justice values.

5 Acknowledgmwnts

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