Developing English Writing E-Worksheet of Narrative Text Based on Problem Based Learning for the Tenth Grade of SMK Muhammadiyah 3 Kualuh-Hulu

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Abstrak

Tujuan dari penelitian ini adalah untuk mengembangkan lembar kerja elektronik sebagai media pembelajaran pada teks narasi dalam meningkatkan kemampuan menulis siswa SMK kelas X serta mengetahui kebutuhan siswa dalam pengembangan media lembar kerja elektronik. Penelitian ini dilakukan melalui 6 tahap, yakni pengumpulan data dan informasi, analisis kebutuhan, perancangan media, validasi data kepada ahli, revisi produk, dan perancangan produk akhir yang dikembangkan untuk siswa kelas X di SMK Muhammadiyah 3 Kualuh-hulu. Validasi produk dilaksanakan oleh ahli materi dan media. Teknik analisis data yang digunakan didasarkan pada kelayakan dan kualitas, yang kemudian menunjukan bahwa nilai kelayakan dari pada media pembelajaran lembar kerja elektronik dari ahli materi dan media adalah 94,6% masuk kedalam kategori Sangat Baik. Berdasarkan hasil dari pemerolehan data, ditunjukan bahwa media pembelajaran lembar kerja elektronik untuk teks narasi cocok digunakan sebagai sumber pembelajaran untuk siswa SMK kelas X.

Kata kunci: *Menulis, Lembar Kerja Elektronik, Teks Narasi, Problem Based Learning*

Abstract

This study aims to develop electronic worksheet learning media of narrative text to improve students' ability to write for class X students of SMK, as well as find out the needs of students in developing e-worksheet media. The research was conducted through 6 stages, namely gathering the data and information, need analysis, designing the media, validating the data to the experts, revision of the product, and designing the final product which was developed for class X students at SMK Muhammadiyah 3 Kualuh-Hulu. Product validation is carried out by material and media experts. The data analysis technique used is the feasibility and quality that the feasibility value of the E-worksheet learning media from media and material experts is 94.6% in the Very Good category. Based on the results of the data acquisition, it shows that the E-Worksheet of Narrative text learning media is suitable for use as a learning resource for class X SMK students.

Keywords : *Writing, E-worksheet, Narrative Text, Problem Based Learning*

INTRODUCTION

Nurlaili and Annim (2021) stated that in English there are several basic ability criteria to be able to master English, including: listening, speaking, writing, reading. Of the four criteria, speaking is one that cannot be separated from communicating in everyday life. Writing is an important skill in the teaching and learning process that takes place in schools in Indonesia. Even in the syllabus for English subjects, four language skills must be mastered by students, namely listening, reading, speaking, and writing skills. Ashok (2017) Writing could be perceived a complex activity that requires many skill such us critical, psychological, mental and rhetorical

aspects. The function of writing can be identified as a means of informing somethings, convincing the reader, inviting the reader, entertaining the reader prohibiting or instructing the reader, supporting the opinions of others, and rejecting or refuting the opinion of others (Nurjamal, 2011:71).

In the 2013 curriculum, the syllabus in English at SMK required students to be able to have good writing skills in one genre, namely Narrative Text. This curriculum, students are required to be able to analyse social functions, language features, and structures, so that they can understand the true meaning of narrative text according to the context. Digital learning media are that work with digital data or can produce a digital image that can be processed, accessed, and distributed using digital devices (Batubara, 2021). The development of technological advances requires teachers to upgrade a more modern learning system that will make it easier for their students to access learning anywhere and they need student worksheets that contain activity facilities that are able to hone critical thinking to form effective interactions that can increase activity and learning achievement. Zulfitri and Harahap, Y.S (2018) The use of learning media depends on one's own abilities and initiative, therefore teachers must consider the suitability of learning media which must be in accordance with the objectives, materials, methods and evaluation of students' ability levels.

Based on the researcher observation at SMK Muhammadiyah 3 Kualuh-Hulu, it was found that suitable worksheets were still used: most of them did not have authentic texts, especially for learning materials, and were not interesting. Student worksheets can be used directly by students whenever and wherever they are which hones their ability to study independently and creatively according to the activities on the worksheets provided. According to Farida, dkk (2017: 58) besides having the goals, the design of students' worksheet has benefit for both students and teacher. For teacher, it was beneficial to direct his students in activity as well as it considers the process of thinking from students.

On student worksheets, there is only a basic explanation of narrative texts such as social functions, structures, and language features. The worksheet does not contain problem-based learning approach skills such as finding problems and solving problems faced by students in learning narrative text using several questions, picture, and videos that will improve their critical thinking. Siregar and Harahap (2023) stated that LKS (worksheets) based on Project Based Learning (PJBL) can optimally improve the 4 C abilities in English subjects. According to Herminarto, et. al., (2017) problem-based learning has three main characteristics. First, PBL is a series of learning activities, meaning that in its implementation of problem-based learning there are several activities that must be completed by students PBL is a learning model based on the principle that problems which can be used as a starting point for acquiring or integrating new knowledge (Tan, 2009: 17). The purpose of PBL is also to develop students' independent learning and social skills.

This situation made researcher need to design appropriate worksheets in narrative texts that are more practical and efficient that focus on a problem-based learning approach to make it easier for students to study. In applying the problem-based learning approach, students learn English by organizing group activities, conducting studies and research, solving problems, and synthesizing information. These processes are expected to encourage students to develop critical thinking skills and problem-solving abilities and at the same time developing students' independent learning and social skills.

E-Worksheet come from LKPD, which is modified into a file form that is opened electronically. The worksheet is a tool that include the assignment of tasks in which it is usually used with the aim of improving problem solving abilities in student (Kahar and Layn, 2018). The development of e-worksheets in the process of learning English is very necessary because of the lack of interest and motivation in students' writing skills at SMK Muhammadiyah 3 Kualuh-hulu. This development of e-worksheet was aimed to design new educational products that could help both teachers and students in the teaching and learning process. The reasons for choosing the PBL approach have been proven by several authors to be able to make a positive contribution to students' problem-solving skills and critical thinking.

METHOD

This research was conducted by using Research and Development (R&D) design. According to Borg & Gall that development research is an attempt to develop and validate products to be used in education. The e-worksheet was developed through six phrases of Research and Development (R & D) by Borg and Gall's theory, such us:

1. gathering the data and information,
2. need analysis,
3. design the media,
4. validating the data to the experts.
5. revision of the product,
6. design the final product.

This research was aimed to develop students' narrative text writing e-worksheet writing using problem based learning approach for Grade X student of SMK Muhammadiyah 3 Kualuh-hulu.The data of this research were the result of documents analysis such as the existing English Students' E-worksheet and Syllabus for tenth grade students of SMK Muhammadiyah 3 Kualuh-hulu, The data were analysed by using questionnaire and conducting interviews. The subject of this research was the tenth grade students at SMK Muhammadiyah 3 Kualuh-hulu in the academic year of 2023/2024.

The data of this research were collected through questionnaire, interview sheet, and checklist from the validation by the experts and the documents such as textbook and syllabus. The data would be analysed in the qualitative and quantitative. The qualitative data would be collected from the result of interview section with the interview sheet with the teacher. Moreover, the quantitative data would be collected from the tabulation of the result of student's questionnaires and the checklist of expert validation. The tabulation of quantitative data would be conducted by using the formula proposed by Suhanto (2006):

$$P = \frac{\sum x}{\sum x1} \; x100$$

Where:

P   : Percentage

$\sum x$: The total of all respondents'answer

$\sum x^1$: The maximum score of the respondent

RESULT AND DISCUSSION

The questionnaire given to 20 students had 16 questions to find the need analysis on the development English writing e-worksheet. Then the interview with an English teacher was also conducted to found several reasons why writing narrative texts should be develop using technology by making conventional student worksheet into e-worksheet.

To validate the worksheet, the experts used a questionnaire sheet that was prepared by the researcher based on the requirements proposed by Badan Standar Nasional Pendidikan (BSNP). The number of questions in the questionnaire sheet was 25 question with a rating scale of very good (5), good (4), sufficient (3), less (2), and vey less (1).

Tabel 1. The Total Validation Score by The Experts

Item Assessed	Average Score From Experts		(%)	Criteria
	I	II		
Linguistic Aspect	23	24	94%	Very Good
Process Aspect	15	14	96%	Very Good
Product and Content Aspect	28	28	93%	Very Good

Layout Aspect	29	28	96%	Very Good
Technological Aspect	25	22	94%	Very Good
Overall Assessment	**24**	**23,2**	**94,6**	**Very Good**

As shown above, the overall assessment was 94,6%. It was categorized as "Very Good". The result means that the developed worksheet was appropriate to use for teaching writing skill of narrative text for the tenth grade of SMK Muhammadiyah 3 Kualuh-hulu. The findings of this research indicated that students need a more interactive worksheet to attract their attention to increase their learning motivation in order to mastering the material.

The researcher did the need analysis to get information and data by administering the questionnaire sheets to the students which contain questions that included the necessities, wants (students' preferences), lacks, motivation, students' interest towards studying e-worksheet and students' needs in learning reading and to get an English teachers' perspective about the students by giving the interview. Based on the result of the need analysis, it was concluded that the students were attracted in learning writing specifically doing tasks in students' e- worksheet. The students like doing tasks with various kinds of tasks such as dragging and dropping, fill in the blank, matching the word, and so on. Then, about the students' worksheet, it was found that the process of assigning and collecting the task was not efficient for both teacher and students during e- learning where the teaching and learning process aren't conducted directly. Therefore, teachers need a way for students to understand the material and interactive enough so that they enjoy learning everywhere and anywhere

In this case, the researcher chose the topic about narrative text and focuses on legend. The researcher designed 1 worksheet and the worksheets contain of texts and variation of questions that highlight the narrative text. After the design of worksheet was completed, the researcher realized the worksheet by using Liveworksheet platform.

CONCLUSION

The conclusion of the research, based on validation and expert review, the developing of students' e-worksheet was appropriate and suitable to be used for teaching writing especially narrative text for the tenth grade students of SMK Muhammadiyah 3 Kualuh-hulu Then, the final score of the worksheet obtained an average of 94,6% from the two experts. Since it was in the 'Very Good' range, it can be considered suitable for use because it attracts students' attention and increases their interest in learning writing of narrative text.

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