

## COMBINING AUDIO VISUAL WEB BLOG & QR CODE FOR LEARNING RECOUNT TEXT AT SENIOR HIGH SCHOOL 2 TRENGGALEK 2019/2020 ACADEMIC YEAR

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**Abstrak:** Tujuan penelitian ini yaitu mengembangkan Audio Visual Web Blog dan QR Code sebagai media pembelajaran recount text. Desain penelitian ini adalah R&D. Siswa SMA N 2 Trenggalek kelas XI MIPA 5 sebagai kelas experiment dan XI MIPA 4 sebagai kelas kontrol semester genap tahun pelajaran 2019/2020 yang terdiri dari 34 siswa kelas experimental dan 36 kelas kontrol. Instrument yang digunakan yaitu kuesioner dan tes. Data yang dikumpulkan dengan kuesioner dianalisis secara kuantitatif. Produk ini dikembangkan melalui 5 tahap yaitu analisis kebutuhan berdasarkan kebutuhan siswa, teori yang berkaitan dengan produk, pengembangan produk, evaluasi hasil produk oleh ahli, dan pengujian produk di lapangan. Data ini diolah menggunakan SPSS 25 dan hasil dari t-test sig. 2 tailed adalah 0.000 (<0.05), ini berarti ada perbedaan signifikan antara eksperimental dan control grup. Dari penjelasan diatas, Audio Visual Web Blog adalah produk yang efektif sebagai media pembelajaran untuk recount text. Produk ini disarankan untuk siswa yang mendapat manfaat pada penelitian ini.

**Kata Kunci:** Recount Text, *Audio Visual*, *Web Blog*, *QR Code*

**Abstract:** The objective of the research was to combining Audio Visual Web Blog and QR Code as a media in recount text.. The research design was educational research & development aimed at developing educational products. The second semester of eleventh grade XI MIPA 5 and XI MIPA 4 students in Senior High School 2 Trenggalek academic year 2019/2020. MIPA 5 as experimental group consist of 34 students and MIPA 4 as control group consist of 36 students. The instruments that was used in this research was questionnaire and test. The data collected by questionnaire and test analyzed quantitative. The product was developed in five steps based on students' needs, recent theories related to the product, developing the educational product, evaluation from the expert who validates the product and field testing the product. The data was calculated by SPSS 25 and the result of sig. 2 tailed in t-test is 0.000 (<0.05), it means there was significant difference between experimental and control groups. From explanation above means that the product of this research, Audio Visual Web Blog, was an effective learning media to senior high school students to recount text material. Furthermore, it was suggested for people who find some benefit of this research.

**Key Words:** *Recount Text*, *Audio Visual*, *Web Blog*, *QR Code*

### INTRODUCTION

In education field especially education of language, the potential of ICT has an important and always change based on modernization in every era. This can be seen from the wide access inside things to get information can be easily. With the existence of ICT in the world of education especially English languages, change ICT function as a support too start for learning language is needed. (Nurming Saleh et al., 2018:253).

Certainly as an educator, the teachers need to do their best to utilize various types deep ICT based media optimize implementation classroom learning in particular foreign

language learning. The researcher use QR code inteaching and earning English especially in learning report text. According to Nurming Saleh et al., in Huah & Jarrett, (2014:254) QR code integration in several studies done a lot. It is has been performed on the skill aspects listen and talk on Malaysia; (Mustakim, 2013) at periodic aspects of elements at the school level intermediate; and (Mousa & El-salam, 2016) as an alternative media scanning learning resources at the level of kindergarten. As for utilization QR Code media on context the researchers tried to explore further utilization of QR code inside English language especially report text.

Language is very important and crucial among human being. Language is human and non instinctive methods of communicating ideas, feeling and desires by mean of a system of sound symbol. As we know that English as international language and a tool to communicate oral and written has been taught at almost every level of education as the second language or foreign language. The purpose of teaching English cover four language skills; reading, writing, speaking and listening.

Genre is one of important and influential concepts in English education. According to Fadhila in Dudley Evans and S.T John (2018:2), knowledge of genre is a key element in all communication and especially significant in writing academic of professional text. It means that genre is an important element when someone wants to communicate his idea especially in writing. Based on curriculum13 (k13), the eleventh grade students of senior high school study some of the genre such as procedure, recount text and narrative.

Recount text, as one of genres which is taught in eleventh grade of senior high school is a piece of text that talks about an entire class of things. Recount gives information about a subject become the topic of text, but students have some difficulties in learning this material. The students usually do not know about kinds of topics that can be chosen and how to develop them to produce a recount text text.

Based on the explanation above, researcher combining a media for learning recount text. Here, Audio Visual Web Blog is used to facilitate the subject transmission to students in the teaching learning process. Students will be more interested and enthusiastic for participating in learning activities. Students will get some material with audio for example. The researcher will conduct a research entitled: "Combining Audio Visual Web Blog & QR Code for Learning Recount Text at Senior High School 2 Trenggalek 2019/2020 Academic Year." The researcher use Audio Visual Web Blog because it is very accordance with the condition of Senior High School 2 Trenggalek in pandemic era. This media also makes the students more interesting to learn because example which audio and the student not get bored because this media also have

motivate song. The student can play motivate song with read the material. The product specification of this research is Audio Visual Web Blog. Audio Visual Web Blog is a web that is combine with QR Code to access.

## **RESEARCH METHOD**

The research design of this research educational R & D combination with quantitative research method. According to Gall et al.'s (2003) in Basuki, (2017:21) educational R & D model was followed. They describe educational R&D as an industry-based development model whose findings were used to design new products and procedures, which then were systematically field-tested, evaluated, and refined until they meet specified criteria of effectiveness, quality, or similar standards. Additionally, definition of R & D according to Latief (2012:172) in Basuki (2017:21), defined "educational R & D as one research design aimed at developing educational products, like curriculum, syllabus, textbooks, instructional media, etc". Further, the researcher also used quasi experimental to know the efficacy of the product which was conducted in senior high school. Quasi experimental design was a design that identifies a comparison group that was similar as possible to the treatment group in terms of baseline characteristic (White, 2012:1). Meanwhile, quasi experimental research does not require random sampling (Jackson, 2008:318).. To conduct the research, there are five steps.

The first step, the researcher used questionnaires and interview to collect the information related to the needs in increasing students' knowledge of recount text. The result of questionnaires and interview were analyzed to create a guide in designing learning media to increase knowledge of recount text. The second is researcher studies the recent theories of educational product. Here the researcher studies theory of research and development, recount text, and media as learning English subject. Third, the researcher decides the theme and gathers the material in form of sentences and picture from several sources such as books TODAY 1, internet, and the researcher knowledge. The collected materials will be used as reference to develop the themes into a display and contents of web. The content have an example of recount text which adding with audio. Then, the link of web will converted to QR code and will be printed by a card. Fourth, the product of this research was assessed by an expert in learning media and an expert in English content. Their assessment is necessary to revise the product of this research before it was tried out. The revision was done when the product of this research reach the expected qualification. Fifth, the product of this research is implemented in order to get the evaluation from the students. After trying the product of this research, the

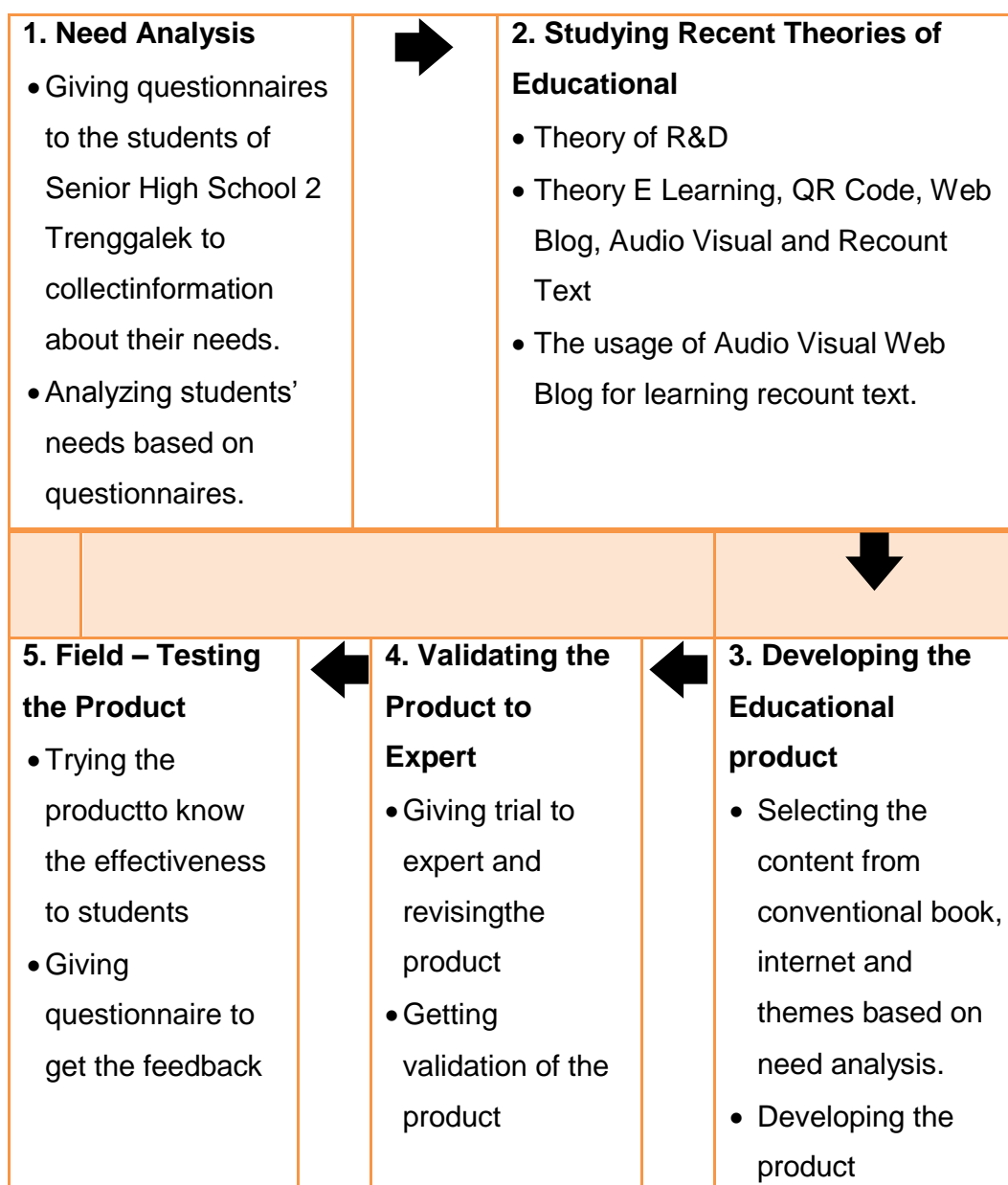
students are given questionnaires to know their impression and feedback about the product. Then the researcher evaluates the product based on the result of the questionnaires. The researcher conducted by using experimental research. The experimental research design of this research was Quasi-experimental.

Furthermore, the researcher gives a pretest before trying the product. After pretest, the researcher tries the product to students. Then, the researcher gives the posttest to students. The last step, gives questionnaire to students that have tried the educational product to know the impression and feedback from them.

The following figure shows the detail of development steps of the product in this research:

Figure 1. **Procedure of Research and Development**

(Adapted by Latief in Basuki, 2017: 21)



The researcher conducted the research in Senior High School 2 Trenggalek. To overcome this problem, the researcher takes the sample from population. Thus population of this research was the Eleventh grade of Senior High School 2 Trenggalek 2019/2020 academic year. The researcher use random sampling to select sample. The researcher will take two classes from the eleventh grade of Senior High School 2 Trenggalek 2019/2020 academic year. So the participants on this study was class XI MIPA 5 as an experimental class consist of 34 students and class XI MIPA 4 as a control class consist of 36 students.

In this research, there are 3 kinds of instrument; questionnaire, interview, and pretest-posttest. Further, the data analysis of this research is consisting of 4 categories. First, validity and reliability instrument, the researcher uses content validity to test the validity of instrument of the research. Content validity focus on providing evidence on the elements that existing in measuring instrument and processed by rational analysis and judged by experts.

Second, data analysis questionnaire, the researcher uses the Likert scale to analyze the data of the students' questionnaire on need analysis and evaluating the process. Likert scale is a wide scale used to measure attitudes. The responses used on the scale are statements that support and reflected in five response categories; The researcher uses the Likert scale to analyze the data of the students' questionnaire on need analysis and evaluating the process. Likert scale data can be analyzed by summarizing the respondent's score, and then find the percentages.

## **FINDINGS AND DISCUSSIONS**

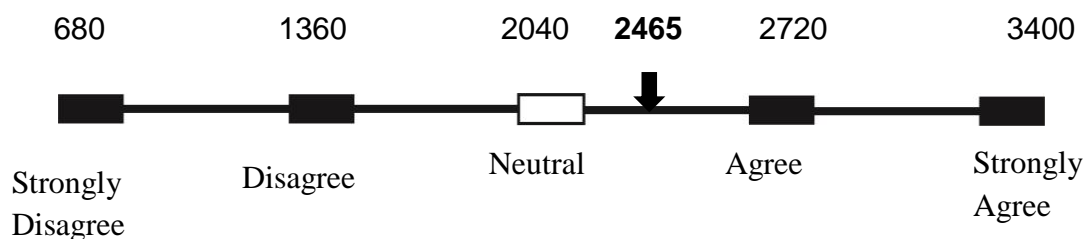
### **Findings on Need Analysis**

After the data is recapitulated, the researcher conducted the research finding. From the results of the questionnaire need analysis showed that most students choose criteria 3 (neutral category) and 4 (agree category). Moreover, the overall data obtained was 2465 with the highest average score per item was 142, while the lowest was 104.

Furthermore, the finding on student's need analysis were nearly 70% students agree that students like recount text in English subject, nearly 78% students agree that is important to improve knowledge of recount text, nearly 70,5% students agree that recount text in English subject is hard, nearly 69% students agree that the structure of recount text is easier to understand, nearly 73% students agree that students can understand the entire information given, nearly 66% students agree that long message is hard to

understanding, nearly 77% students agree that understanding the main idea helped to follow the next sentences, nearly 66% students neutral that recognizing the meaning of words with more than one meaning is hard, nearly 65% students neutral that forget the previous message quickly, nearly 61% students neutral that neglect current sentences when thinking about previous sentences, nearly 65% students neutral that use of verbs that are difficult to understand, nearly 73% students agree that improving knowledge of recount text should be enjoyable, nearly 84% students agree that learning media should motivate the students to improve their knowledge, nearly 84% students agree that learning media should can be accessed by self anywhere and anytime, nearly 81% students agree that Learning media should use interesting topic, nearly 77% students agree that learning media should be interactive with the user, nearly 81% students agree that learning media must easy to operate, nearly 81% students agree that learning media should provide clear explanation, nearly 74% students neutral that learning media should be low cost or even free and nearly 81% students strongly agree that learning media with interesting topic, interactive, easy to operate, clear explanation, and low cost or even free criteria above is needed.

For more details, this is a continuum diagram that showed the results of student needs.



**Figure 4.1** Continuum Diagram of Need Analysis

Based on the figure 4.1 above, the finding of the need analysis on *Likert scale* showed that mostly the students neutral that audio visual web blog with recount text material needs to be learning media. It can be seen from the need analysis's continuum diagram where the score was 2465, which is the position in the agree category.

After the product was developed completely, the researcher consulted the product to the expert of English language learning media to give suggestion and evaluation to have acceptable and approved product. The researcher consulted Audio Visua Web Blog to Sri Utami Dewi, M.Pd as the expert to validate this product via online because of the COVID-19 pandemic issue.

The expert gave a judgments, she argued that the product was good enough but need more revision. The researcher sent the product to the expert twice (on Mei 20, 2020

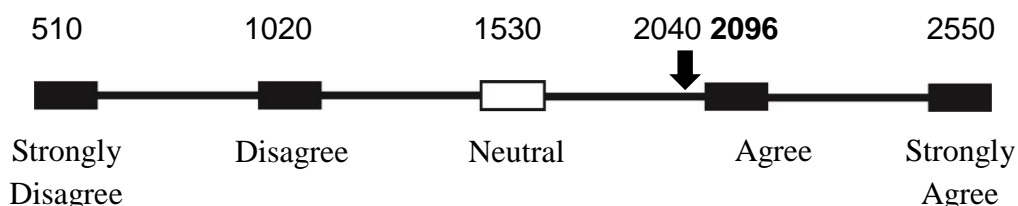
and Mei 29, 2020) to get the Audio Visual Web Blog validation. Thus, the researcher got validation on Mei 20, 2020.

Moreover, expert gave evaluations that Indonesian language need remove from the product.

Meanwhile, the second validation was on Mei 29, 2020. The expert accepted the product after the researcher revised based on her suggestions. After that, the researcher continued to the next step, namely field-testing the product to the subject.

After the data is recapitulated, the researcher conducted the research finding. From the results of the questionnaire field-testing showed that most students choose criteria 3 (neutral category) and 4 (agree category). Moreover, the overall data obtained was 2096 with the highest average score per item was 152, while the lowest was 121.

Furthermore, the finding on field-testing were nearly 70% students agree that Audio Visual Web Blog is suitable for students' needs, nearly 80% students agree that Audio Visual Web Blog increase student interest and motivation, nearly 80% students agree that the overall appearance of Audio Visual Web Blog is very interesting, nearly 70% students agree that the overall appearance of learning by using Audio Visual Web Blog is more easy, nearly 90% students agree that learning by using Audio Visual Web Blog can improve English's listening skills, nearly 80% students agree that the materials in Audio Visual Web Blog are understandable and clear, nearly 80% students agree that the materials in Audio Visual Web Blog helps me in learning recount text, nearly 82% students agree that Audio Visual Web Blog makes me not feel bored learning recount text, nearly 82% students agree that Audio Visual Web Blog makes me easy to learn in listening and reading, nearly 81% students explained that the material description of Audio Visual Web Blog is good, nearly 80% students agree that Audio Visual Web Blog, is easy to be applied, nearly Nearly 85% students agree that Audio Visual Web Blog is very required, nearly 83% students agree that Audio Visual Web Blog is very useful, nearly 86% students agree that I am happy can play motivation song while reading the materials, and nearly Nearly 84% students agree that Audio Visual Web Blog has interesting performance. For more details, this is a continuum diagram that showed the results of field-testing.



**Figure 4.2** Continuum Diagram of Field-testing

Based on the figure 4.2 above, the findings of the need analysis on *Likert scale* showed that mostly the students agree with the product. It can be seen from the field-testing's continuum diagram where the score was 2096, which is the position in the agree category.

So, to sum up, the findings of the need analysis on *Likert scale* showed that mostly the students agree that Audio Visual Web Blog with recount text material needs to be learning media. It can be seen from need analysis's continuum diagram where the score was 2096, which is the position in the agree category. Meanwhile, the findings of the field-testing on *Likert scale* showed that mostly the students agree with audio Visual Web Blog. The product got the good responses from the students and the teacher. It can be seen from the continuum diagram of field-testing where the score was 2096, which is the position in agree category. So, the conclusion is that the Audio Visual Web Blog is an effective learning media that can increase student enthusiasm especially in learning recount text.

### **Finding of T-test Analysis**

To find whether or not there is any significant effect of using Audio Visual Web Blog in student's for learning recount text between experimental class (XI MIPA 5) and conventional method in control class (XI MIPA 4), the researcher used *Independent Sample T-Test*. Thus, the table of the result of *Independent Simple T-Test* for posttest between experimental and control class is included in appendix 10 page 64.

Based on the "Independent Sample Test" output table in the "Equal variances assumed" section, the sig. (2-tailed) showed  $0.000 < 0.05$ . Then as the basic rules of making *Independent sample t-test*, it can be concluded that  $H_0$  is rejected and  $H_a$  is accepted. So, the conclusion is that there is any significant effect between the average student learning outcome in the experimental and control group. So, to sum up, Audio Visual Web Blog as the product of this research is an effective learning media to senior high school student especially for learning recount text.

Based on the research finding explained above, the discussions of the findings on this research are elaborated as follows:



**Table 4.1** The Discussion of The Research Finding

	<b>Discussions</b>
	<p>Regarding to the content material of this research that is based on English worksheet that was in line with the expert explanation. So, the instrument and the material of the product made based on the English worksheet.</p>
	<p>Regarding to the product development steps on this research that took five steps was in line with expert explanation those are; need analysis, studying recent theories of education product development, developing the educational product, validating the product to expert and field-testing the product. Latief (2015:174) stated that there are five procedures of development. They are need analysis, studying recent theories of education product development, developing the educational product, validating the product to expert and field-testing the product.</p>
<p><b>Combining Audio Visual Web Blog &amp; QR Code for Learning Recount Text at Senior High School 2 Trenggalek 2019/2020 Academic Year.</b></p>	<p>Regarding to the product of this research Audio Visual Web Blog that was in line with the students' need that was explained in the finding above. The findings of the need analysis on <i>Likert scale</i> showed that mostly the students agree that Audio Visual Web Blog for learning recount text needs to be learning media. It can be seen from the need analysis's continuum diagram where the data obtained was 2096, which is the position in the agree category.</p>

## CONCLUSION AND SUGGESTION

The outcomes of this research is Audio Visual Web Blog combine by QR Code. The research procedure was adapted from Latief, (2012:172) in (Basuki, 2017:124). Thus, there are five steps conducted to create a Audio Visual Web Blog as media in this research. They were need analysis, studying recent theories developing the product, validating the product to experts and field testing the product. First, Audio Visual Web Blog was done need analysis step, then the result of need analysis shows that the score

is nearly agree in likert scale. Second, researcher studying recent theories about theory of Research and Development, theory of web blog, audio visual, and theory of QR Code. Third, the developing product is done by need analysis and the content of this product was adapted from internet, journal and ENGLISH TODAY 1 from D. H. Howe. Fourth, the product had been validated by the expert who gave evaluation and suggestion. Fifth, field-testing was conducted to know the implementation the product toward Senior High School 2 Trenggalek. The findings of the field-testing shows that the product gets the good responses from the teacher and the students. They were satisfies with it. Audio Visual Web Blog was implemented and useful in teaching and learning process of recount text.

In conclusion, based on the finding of the research explained above. This research has been able to answer the research question that states; How Combining Audio Visual Web Blog as interactive recount text learning source for senior high school 2 Trenggalek of Eleventh science five program?". Furthermore this research has been able to achieve the objective of the research which is to develop Audio Visual Web Blog for learning recount text at Senior High School 2 Trenggalek.

## **SUGGESTION**

After giving the findings and conclusion explained above, there are some suggestion for people who finds some benefit of this research. First is for the teacher who has use their own blog to create their subject more better, audio visual web blog can help you and your students easy to access the lesson. The last is for the next researcher who may use the research finding of this research as the information and reference for their research.

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