DEVELOPMENT OF INTERACTIVE POWERPOINT LEARNING MEDIA ON STATE DEFENSE MATERIALS CLASS VIII MADRASAH TSANAWIYAH AL - FALAK

Salma Humairo [1]*, Mohammad Givi Efgivia [2]
[1] Universitas Ibn Khaldun Bogor
Jl. Sholeh Iskandar No.Km.02, RT.01/RW.010, Kedungbadak, Kec. Tanah Sereal, Kota Bogor, Jawa Barat 16162, Indonesia
Email: salmahumairo7@gmail.com
[2] Universitas Muhammadiyah Prof Dr Hamka
Jl. Limau II No.2, RT.3/RW.3, Kramat Pela, Kec. Kby. Baru, City, Daerah Khusus Ibukota Jakarta 12130, Indonesia

Abstract
The limitations of supporting media in the teaching and learning process cause the teaching and learning process to be less than optimal. To overcome this, it can be done by using interactive Powerpoint learning media. Coupled with the Covid- 19 pandemic that has been endemic in Indonesia since early March, it has had a major impact on various sectors, one of which is education. Therefore, this Interactive Powerpoint learning media was chosen because it is practical and supported by technological sophistication. The purpose of this development research is to produce a product in the form of interactive Powerpoint learning media to increase the attractiveness of students in understanding the learning of Citizenship Education (PKN) subjects of State Defense in class VIII MTs Al Falak Loji Village. This Powerpoint Learning Media was developed using the ADDIE model procedure, which consists of five stages (Analyze, Design, Development, Implementation, Evaluation). The results of this study indicate that the PowerPoint learning media product that has been tested on research subjects is categorized as good and suitable to be used to facilitate the learning process of Citizenship Education for class VIII.
Keywords: Development, Learning Media, Interactive Powerpoint, PKN

INTRODUCTION

Education is the most important thing in human life, this means that every human being has the right to and expect to always develop in education. Education can be done both formally and non-formally. Every education cannot be separated from the learning process. In the learning process, the role of teachers is needed to support the creation of a fun, active teaching and learning atmosphere and allow children to achieve maximum achievement and in order to achieve learning goals.

One of the efforts to carry out education as expected, the government issued Law No. 20 of 2003 concerning the National Education System. In article 12 of the law, it is stated that in the

learning process at all levels and educational units in Indonesia, it is required to contain the subject of Civic Education.

This is considering that Civic Education has a very important role in making and producing people who are able to be good and correct citizens who are aware of their rights and obligations. Within the scope of the school, there is a Civic Education Subject, which is a subject that focuses on the formation of citizens who understand and are able to carry out their rights and obligations to become intelligent, skilled, and characterful Indonesian citizens mandated by Pancasila and the 1945 Constitution (BSNP, 2006:100).

Improving the quality of the learning process and learning outcomes of students at each level of education needs to be realized in order to obtain the quality of human resources that can support national development in Indonesia. In this case, the role of an educator is very important and decisive, Because an educator is directly involved in fostering and teaching students at school through the learning process and also the use of media. The use of media has an important role in learning, the use of media usually makes students feel interested when compared to learning who only uses the lecture learning method. Educators are required to be able to use tools that are in accordance with the times provided by schools such as tools to facilitate learning. Concept cultivation and understanding are carried out using strategies, models, methods and media that are in accordance with the learning materials which are then applied in the classroom. With the inculcation of the right concepts and understanding, students will easily understand the material presented and be able to get good learning results. One of the tools in learning is learning media.

According to Asyhar (2012:8), learning media is everything that can convey or channel messages from a source in a planned manner, so that there is a conducive learning environment where the recipients can carry out the learning process efficiently and effectively. In the era of globalization like now, innovations and creative ideas always emerge in all aspects and fields to meet needs. There is no exception in the field of education. With the development of science and technology, education has become more advanced by utilizing modern technology. For an educator, technology has an important role to help make it easier to deliver material to students. The use of technology in elementary school education in this modern era has become an important need. This is because Information and Communication Technology (ICT) lessons have been taught starting at the basic education level. Elementary school students are familiar with computers in their learning environment. However, this is felt by most educators because their mastery of Science and Technology (IPTEK) is low which causes the low quality of Human Resources (HR) values.

Coupled with the Covid-19 Pandemic that has been spreading in Indonesia since early March, it has had a major impact on various sectors, one of which is education. The world of education also felt the impact. Educators must ensure that teaching and learning activities continue to run, even if students are at home. The solution is that educators are required to design learning media as an innovation by utilizing online media. One of them is the use of powerpoint used by a teacher to help in learning media. According to Apriani (2018), PowerPoint has hyperlink and sound features that can be combined to create an interactive multimedia presentation. The combination of hyperlinks and slides can create an interactive presentation that will provide opportunities for learners to use higher cognitive strategies.

Based on the results of an interview with one of the teachers of PKN subjects at MTs Al-falak in the current reality, there are still many teachers, especially PKN teachers, who have not used the

media properly. They are only fixated on the contemporary learning process (teacher center), where the teacher explains that students listen without involving students in the learning process. Meanwhile, to improve the quality of learning outcomes, it is necessary to involve more students in the learning process or also known as student-centered learning. One of the factors that is problematic for Civic Education (PKN) teachers is the lack of knowledge about the use of media, especially interactive Powerpoint media, while in this day and age teachers must be able to use these media to make it easier for them in the learning process in the classroom. In addition, the lack of creativity of teachers in creating learning media and low interest in reading about the development and advancement of knowledge in the world of education are also problems for teachers in improving the quality of learning of students. For this reason, there needs to be a renewal in the learning process in the classroom so that students can understand the material from the PKN subjects studied. One way is to create learning that is as interesting as possible, especially in PKN lessons. An example is by using interactive PowerPoint. So far PowerPoint is only used as a one-way presentation media (non-interactive), where students only act as listeners or spectators without being actively involved in the learning process.

Therefore, in an effort to help teachers to attract students' attention in learning activities, the researcher wants to develop interactive Powerpoint learning media on PKN subjects in order to facilitate and focus students in understanding the material provided by teachers so that they can affect the learning process of students. Realizing the importance of learning media to the learning process and outcomes of students, the author chose the title "Development of Interactive Powerpoint Learning Media on State Defense Grade 8 MTs Al Falak materials". The purpose of the development of learning media in the form of Interactive PowerPoint is to produce products in the form of Powerpoint-based learning media that are suitable for student learning activities and facilitate learning in understanding the material of the State Defense in PKN subjects through interactive Powerpoint learning media.

LITERATURE REVIEW
1. Sari Permanda, Mahmud Alpusari, Eddy Noviana. Development of Powerpoint-Based Learning Media in Science Subjects Class IVC State Elementary School 147 Pekanbaru (2017). This research is a research and development that aims to produce products in the form of Powerpoint-based learning media in science subjects with the target of students in class IVC SD Negeri 147 Pekanbaru. The stages in creating this learning media are: Seeing the potential and problems, Collecting information to overcome problems, Validating the design to determine the feasibility of learning media based on the assessment of the validator, Revising the design and finally testing the product.
2. By Vierna Damayanti, Mulyani. Development of PowerPoint-Based Learning Media on Event Materials Surrounding the Proclamation of Social Studies Lessons for Elementary School Class V (2021). This scientific work uses the research and development method or R&D (research and development). The development was carried out in the learning media for grade V of the elementary school, namely power point media to increase students' understanding of social studies subjects, especially the chapter on events around independence. The research flow is

based on the ADDIE development model which is simplified from 5 stages to 3 stages. The stages include (1) analysis, (2) design, (3) development.

3. Agnesia Bergita Anomeisa, Dian Ernaningsih, IKIP Muhammadiyah Maumere. Interactive Learning Media using PowerPoint VBA on Group Data Presentation (2020). This type of research is included in the research and development method. The research was conducted at Muhammadiyah Maumere High School. The parties involved in this study are media experts, material experts, and respondents who are divided into two, namely class XI Science and class XI IPS SMA Muhammadiyah Maumere. Grade XI Science students for small-scale product trials with saturated sampling and large-scale respondents were students of grade XI Social Studies.

RESEARCH METHODS

This research aims to produce a product, namely a Powerpoint-based interactive learning media on a computer device using Microsoft Office 2010. In this study, the method used is the development method, namely the ADDIE development model. This model was chosen because the ADDIE model is often used to describe a systematic approach to instructional development. In addition, the ADDIE model is a general learning model and is suitable for use for development research. This term is almost synonymous with the development of instructional systems. When used in development, this process is considered sequential but also interactive, where the results of each stage of evaluation can bring the development of learning to an earlier stage. The final result of one stage is the initial product of the next. The Addie Framework is a cyclical process that evolves over time and is continuous from the entire instructional planning and implementation process. Five stages consist of frameworks, each with its own distinct purpose and function in the development of instructional design. This development model consists of five stages, namely: 1. Analyze, 2) Design, 3. Development, 4. Implementation, 5. Evaluation (evaluation). The research procedure that will be carried out by the researcher in developing this power point media includes several stages in accordance with the ADDIE model.

The stages carried out by the researcher are as follows: First Analysis Stage (Analyze). At this stage, the main activity is to analyze the need for the development of new learning media and analyze the feasibility and conditions for the development of new learning media. Activities in this stage include: - Pre-planning: thinking about new products (models, methods, media and teaching materials) to be developed. - Identify products that are in accordance with the goals of students, identify the content or learning materials, identify the learning environment and delivery strategies in learning. At the analysis stage, the activities carried out by the researcher are analyzing teachers, analyzing learning media, and analyzing grade VIII MTs subject books. At this design stage, the researcher did everything needed to develop a powerpoint-based learning media. The design made includes product design, materials, and learning media. Second, the development stage. In the development stage, the researcher realizes a power point-based media design that has been prepared according to the design and analysis results. 4. At this stage of implementation, the results of interactive Powerpoint development are applied in learning media of PKN learning resources to determine its effect on the quality of learning which includes aspects of effectiveness, attractiveness and efficiency of learning. 5. The fourth stage is evaluation. Evaluation was carried out on the accuracy between the topic and the interactive PowerPoint learning media and the feasibility of the

initial research results to ensure the suitability of the product as a solution in overcoming problems in learning.

RESULTS AND DISCUSSION

The results of the discussion on the development of Interactive Powerpoint learning media regarding State Defense material for class VIII MTs Al - Falak were carried out based on development procedures consisting of five stages, namely: 1. analysis, 2. design, 3. Development, 4. implementation, 5. evaluation.

The first stage is Analysis. At the analysis stage, the activities carried out by the researcher were to analyze needs, analyze teachers on the use of learning media, and analyze grade VIII MTs students. As well as based on the results of observations from the book analysis of grade VIII junior high school students. After that, the researcher gathers information based on the results of the analysis and draws conclusions. At this stage, the researcher produces a core of the problems faced when delivering learning. After conducting the analysis, the researcher evaluates the core of the problems that have been found. The evaluation activities carried out by the researcher were assisted by grade VIII MTs teachers. Through an interview with the homeroom teacher of grade VIII MTs, it was stated that during the learning activity, the teacher conveyed the learning material well, but there were obstacles such as material that was difficult to explain, for example, making it difficult for students to understand the learning material. Next, determining the theme and scope of interactive powerpoint media, the researcher determines the development of interactive powerpoint learning media that includes material to be studied in the subject of Civic Education.

The second stage of ADDIE's development model is design. The second stage is the design stage of the developed materials and learning media. The step taken is to determine the outline of the elements that will be contained in the learning media. collection of necessary materials and photographs. Once the materials and images needed are gathered, the next step is to create a storyboard that includes a design plan, templates, as well as audio, and videos to incorporate into the product PowerPint. This storyboard is made to make it easier to create material on powerpoint. Storyboards are also used to visualize the content of the presentation to be created. In making a story board, there are 3 things that are done, namely: making an outline, displaying in the form of a shorter slide and sketching a picture

The third stage in the ADDIE development model is Development. At this stage all the plans made are realized. This stage is in the form of the preparation of grade VIII civics education materials with material about defending the country using the microsoft powerpoint application. At this stage, the products that have been designed and designed will be developed into real products according to flowcharts and storyboards. The development stage is carried out by developing products according to the design and storyboard that has been designed beforehand. Production of components from interactive powerpoint learning media which includes text, animation, audio, and video. It also includes merging those elements into integrated parts. In the manufacture of this product, it uses the powerpoint application which is the main program in making products, and learning videos found on youtube. The selection of text, animation, audio, and video is adjusted to the needs of the material and the learning objectives outlined in the learning media.

The fourth stage in the ADDIE development model is the implementation stage, This stage is carried out by implementing learning media development products in the form of interactive powerpoints that are applied directly in the learning of Civic Education subjects grade VIII MTs to determine the effect on the quality of learning for students which includes the effectiveness, attractiveness, and efficiency of learning. At this stage of implementation, a trial of learning media products was carried out for research subjects which included educators as users and students in and large group trials. The first trial was carried out, namely providing learning media products to one of the teachers of Education subjects Class VIII citizenship named Tb. A. Tofani, S.Pd. I by providing an assessment of the suitability of the presentation of the material in accordance with the demands of achieving competency standards and basic competencies owned by the school. In addition, it is also supported by the suitability of images, text, sound and animation on the learning video media delivered so as to make the material presented more interesting, motivating and fun. So that in terms of the content/substance of the material presented in this media does not need to be revised. Then the powerpoint learning media is displayed directly to students in one classroom so that students can see and learn the material contained in the interactive powerpoint that has been developed by the researcher. Then it will be seen how the response or attraction of students in the learning process carried out using interactive Powerpoint learning media tools can run optimally or not.

The final stage is the evaluation stage, at this stage based on the trial of interactive powerpoint learning media products to research subjects that are categorized as good and suitable to be used to facilitate the learning process of Civic Education grade VIII. Learning the Defense of the Country material using interactive Powerpoint learning media has been proven to increase the attractiveness of students. This can be reviewed from the response and students' responses to the media can be seen directly. This proves that students learn the material of the State Defense using interactive powerpoint learning media is very fun and attracts enthusiastic interest in increasing attention and exploring understanding about the material presented. that students feel interested in the media because the learning media contains pictures and also videos that make students understand more about the material contained in the media learning. Students feel less bored and more enthusiastic in following the teaching and learning process. Then from the teacher's opinion, teachers can be more helped by the existence of interactive powerpoint learning media because teachers become more cost-effective only needing help from laptops and LCD projectors.

CONCLUSIONS

Based on the research and language that has been carried out, it can be concluded that this research is research and development that aims to produce products in the form of interactive Powerpoint learning media in the subject of Civic Education (PKN) class VIII MTs. The stages used in accordance with the ADDIE model consist of five stages, namely: 1. analyze, 2. design), 3. Development, 4. implementation, 5. evaluation. This development research produced an interactive Powerpoint learning media. This media was first tested as a powerpoint learning media product for the research subjects, namely teachers and students. Then after using interactive powerpoint learning media, it has been found that students feel interested in the media because the learning media contains images and there are also videos that make students understand more about the

material contained in the learning media. Students feel less bored and more enthusiastic in following the teaching and learning process. Then from the teacher's opinion, teachers can be more helped by the existence of powerpoint learning media interactive because teachers become more cost-effective only need help from laptops and LCD projectors.

In the process of making this article, there was a lot of help from various parties. Therefore, on this occasion we would like to express our deepest and sincere gratitude to the school, especially the Principal of the MTs Al-Falak Foundation and subject teachers who have given permission to conduct research in developing learning media. The researcher thanked Mr. Abddurahman Thalib S.Pd. I and Tb. Tofani, S.Pd. I as educators of Civic Education (PKN) class VIII subjects who have helped during the research process, as well as students of class VIII who have become research subjects.

REFERENCES

Anomeisa A & Ernaningsih D (2021). Interactive Learning Media uses PowerPoint VBA on Group Data Presentation. 5(1). 22-23

Anyan. Ege, B. & Faisa, H. (2020). Development of interactive learning media based on Microsoft Power Point. 1 (1). 18 - 19

Damayanti N & Mulyani (2021). Development of Powerpoint-based learning media on event materials around the proclamation of social studies lessons for grade V elementary schools. 9 (7). 2768-2769

Permada S et al. (2017). Development of Powerpoint-Based Learning Media in Science Subjects Class IVC State Elementary School 147 Pekanbaru. 1. 4

Puspita, A. M. I. Puspitaningsih, F. & Diana, K. Y. (2020). The Effectiveness of Interactive Powerpoint Learning Media to Improve Elementary School Students' Learning Outcomes.Response: Journal of Basic Education Research and Innovation, 1(1), 49-54.