

DEVELOPMENT OF INTERACTIVE LEARNING MEDIA "SITAYA" (SISTEM TATA SURYA) ON ARTICULATE STORYLINE BASED 3 IN VI GRADE STUDENTS AT SD NEGERI KALIREJO 01 UNGARAN

KARYA TULIS ILMIAH

OLEH FITRI AYU OCTAVIASARI NPM 20120262

PROGRAM STUDI PENDIDIKAN GURU SEKOLAH DASAR FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PGRI SEMARANG 2024



DEVELOPMENT OF INTERACTIVE LEARNING MEDIA "SITAYA" (SISTEM TATA SURYA) ON ARTICULATE STORYLINE BASED 3 IN VI GRADE STUDENTS AT SD NEGERI KALIREJO 01 UNGARAN

KARYA TULIS ILMIAH

Diajukan kepada Fakultas Ilmu Pendidikan UNIVERSIRAS PGRI SEMARANG untuk Memenuhi Sebagai Syarat Memperoleh Gelar Sarjana Pendidikan

OLEH FITRI AYU OCTAVIASARI NPM 20120262

PROGRAM STUDI PENDIDIKAN GURU SEKOLAH DASAR FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PGRI SEMARANG 2024

KARYA TULIS ILMIAH

DEVELOPMENT OF INTERACTIVE LEARNING MEDIA "SITAYA" (SISTEM TATA SURYA) ON ARTICULATE STORYLINE BASED 3 IN VI GRADE STUDENTS AT SD NEGERI KALIREJO 01 UNGARAN

Disusun dan diajukan oleh FITRI AYU OCTAVIASARI NPM 20120262

Telah disetujui oleh pembimbing untuk dilanjutkan di hadapan Dewan Penguji

Semarang, 27 Maret 2024

Pembimbing I Pembimbing II

Prasena Arisyanto, S.Pd., M.Pd
NPP.179101526
Choirul Huda, S.Pd., M.Pd
NPP.108101300

KARYA TULIS ILMIAH

DEVELOPMENT OF INTERACTIVE LEARNING MEDIA "SITAYA" (SISTEM TATA SURYA) ON ARTICULATE STORYLINE BASED 3 IN VI GRADE STUDENTS AT SD NEGERI KALIREJO 01 UNGARAN

Disusun dan diajukan oleh

FITRI AYU OCTAVIASARI NPM 20120262

Telah dipertahankan di depan Dewan Penguji pada tanggal 22 April 2024 dan dinyatakan telah memenuhi syarat

Dewan Penguji

Ketua,	Sekretaris,		
<u>Dr. Arri Handayani, S.Psi., M.si</u> NPP.997401149 Penguji I	Ervina Eka Subekti, M.Pd., S.Si NPP.09861235		
Prasena Arisyanto, S.Pd., M.Pd NPP.179101526			
Choirul Huda, S.Pd., M.Pd NPP.108101300 Penguji III			
Dr. Siti Patonah, S.Pd., M.Pd NPP.097801251			

PERNYATAAN KEASLIAN TULISAN

Saya yang bertanda tangan di bawah ini:

Nama : Fitri Ayu Octaviasari

NPM : 20120262

Prodi : Pendidikan Guru Sekolah Dasar

Fakultas : Fakultas Ilmu Pendidikan

Menyatakan dengan sebenarnya bahwa "Development Of Interactive Learning Media "SITAYA" (Sistem Tata Surya) On Articulate Storyline Based 3 In Vi Grade Students At Sd Negeri Kalirejo 01 Ungaran" karya tulis ilmiah yang saya buat ini benar-benar merupakan hasil karya saya sendiri, bukan merupakan pengambilan tulisan atau pikiran orang lain yang saya akui sebagai hasil tulisan atau pikiran saya sendiri. Apabila pada kemudian hari terbukti atau dibuktikan KTI ini hasil jiplakan,maka saya bersedia menerima sanksi atas perbuatan tersebut.

Semarang, 25 April 2024

Yang membuat pernyataan

Fitri Ayu Octaviasari NPM 20120262

MOTTO DAN PERSEMBAHAN

Motto:

- "Allah tidak membebani seseorang melainkan sesuai dengan kesanggupannya..." -Q.S Al Baqarah: 286
- 2. "Karena sesungguhnya sesudah kesulitan itu ada kemudahan..."

-Q.S Al Insyirah: 5-6

Persembahan:

Skripsi ini saya persembahkan kepada:

- Allah SWT, karena hanya atas izin dan karunia-Nya maka skripsi ini dapat di buat dan selesai pada waktunya.
- 2. Papa Sartono Hadi Saputro dan mama Aning Susanty yang telah memberikan dukungan serta doa yang tiada henti untuk kesuksesan saya, karena tiada kata seindah lanjutan doa dan tiada doa yang paling khusuk selain doa yang tercapai dari orang tua.
- Kakak saya tercinta Dyah Ayu Permatasari, M.Ardianto, Dewi Ayu Fortunasari, dan Nugi Samodro yang selalu memberi doa dan semangat untuk menyelesaikan skripsi ini.
- 4. Kekasih saya Destri Riyanto yang selalu memberi semangat dan selalu menemani selama proses pembuatan skripsi ini.
- Teman-teman kos kuning Via Ayu Alifvia dan Intan Sabila Kusumaningtias yang selalu memberi semangat dan menemani keseharian.
- 6. Almamater tercinta Universitas PGRI Semarang.

PRAKATA

Puji syukur kehadirat Allah SWT peneliti dapat menyusun dan menyelesaikan karya tulis ilmiah ini dengan lancar. Karya tulis ilmiah yang berjudul "Development Of Interactive Learning Media "SITAYA" (*Sistem Tata Surya*) On Articulate Storyline Based 3 In Vi Grade Students At Sd Negeri Kalirejo 01 Ungaran" ini disusun untuk memenuhi sebagai syarat memperoleh gelar sarjana pendidikan.

Penyusunan karya tulis ilmiah ini tidak lepas dari hambatan dan rintangan serta kesulitan. Namun, berkat bimbingan, bantuan, nasihat, dan dorongan serta saran-saran dari berbagai pihak, khususnya pembimbing, segala hambatan dan rintangan serta kesulitan tersebut dapat teratasi dengan baik. Oleh karena itu, dalam kesempatan ini dengan tulis hati penulis sampaikan terima kasih kepada:

- Rektor Universitas PGRI Semarang Ibu Dr. Sri Suciati, M.Hum. yang telah memberikan kesempatan kepada penulis untuk menimba ilmu di Universitas PGRI Semarang.
- 2. Dekan Fakultas Ilmu Pendidikan Ibu Dr. Arri Handayani, S.Psi., M.Si. yang telah memberikan izin penulis untuk melakukan penelitian.
- 3. Ketua program studi Pendidikan Guru Sekolah Dasar Ibu Ervina Eka Subekti, M.Pd., S.Si. yang telah menyetujui karya tulis ilmiah penulis.
- 4. Pembimbing I Bapak Prasena Arisyanto, S.Pd., M.Pd. yang telah mengarahkan penulis dengan penuh ketekunan dan kecermatan.
- 5. Pembimbing II Bapak Choirul Huda, S.Pd., M.Pd. yang telah membimbing penulis dengan penuh dedikasi yang tinggi.
- 6. Bapak dan Ibu Dosen Program Studi Pendidikan Guru Sekolah Dasar yang telah memberi bekal ilmu kepada penulis selama belajar di Universitas PGRI Semarang.
- 7. Kepala sekolah SD Negeri Kalirejo 01 Ungaran Ibu Kamsiyah, S.Pd yang telah mengizinkan peneliti melakukan penelitian di instansi yang di pimpinnya.

8. Wali Kelas VI SD Negeri Kalirejo 01 Ungaran Bapak Bayu Kurniawan, S.Pd. yang telah bersedia membantu penulis dalam melakukan penelitian sampai selesai.

9. Siswa kelas VI SD Negeri Kalirejo 01 Ungaran yang bersedia dan dengan senang hati ikut serta dalam proses penelitian penulis.

10. Rekan-rekan mahasiswa Program Studi Pendidikan Guru Sekolah Dasar Universitas PGRI Semarang yang telah memberikan masukan dan semangat kebersamaan selama dalam perkuliahan.

Peneliti menyadari akan berbagai keterbatasan, sehingga peneliti menerima kritik dan saran yang sifatnya membangun untuk perbaikan penelitian yang akan datang. Semoga penelitian ini dapat bermanfaat bagi semuapihak yang membacanya, terutama untuk peneliti sendiri.

Semarang, 25 April 2024

Peneliti

DAFTAR ISI

SAMPUL LUAR	i
SAMPUL DALAM	ii
PERSETUJUAN	iii
PENGESAHAN	iv
PERNYATAAN KEASLIAN TULISAN	v
MOTTO DAN PERSEMBAHAN	vi
PRAKATA	vii
DAFTAR ISI	ix
Abstract	1
Introduction	1
Research Methods	3
Results and Discussion	4
Conclusion	9
References	9
BIODATA PENULIS	

ISSN: 2775-6173 (online)

Development of Interactive Learning Media "SITAYA" (Sistem TataSurya) on Articulate Storyline-Based 3 in VI Grade Students at SD Negeri Kalirejo 01 Ungaran

Fitri Ayu Octaviasari*, Prasena Arisyanto, & Choirul Huda

Elementary School Teacher Education Study Program, PGRI University, Semarang, Indonesia

Abstract

The technology development has influenced the field of education, one of which is the emergence of diverse and interactive learning media that can enhance the effectiveness of ongoing learning. Articulate Storyline 3 is one of the learning media that can be utilized in the learning process. However, the learning process conducted in the VI grade of SD Negeri Kalirejo 01 Ungaran stilluses a conservative teaching method due to a lack of knowledge on how to use technology to maximize the learning process, especially in the material of the solar system/Sitaya. The researchers employed the research and development method using the Analysis, Design, Development, Implementation, and Evaluation (ADDIE) research model to assess whether Articulate Storyline 3 learning media can make learning more effective. The VI grade at SD Negeri Kalirejo 01 Ungaran was selected as the research sample. Based on the analysis, it was found that students felt comfortable and more active in learning process, and teachers assessed that the use of Articulate Storyline 3 complied with the established learning standards and could assist students in understanding the taught material.

Keywords: Articulate storyline 3, Solar system material, Interactive learning media

Introduction

Nowadays, human life cannot be separated from information and communication technology. Various aspects of human life, such as work, consumption, and education

are influenced by the existence of technology. The technologies that have developed can help individuals to do all activities carried out by humans more easily and efficiently. In the world of education, successful education has revolutionized the implementation of education in this modern era. The existence of technology makes it easier for both educators and students to obtain information and knowledge easily with unlimited access by space and time. The existence of the internet, which provides unlimited resources, indirectly provides opportunities for teachers as educators to develop learning methods that is more interesting. Based on Purba, et al. (2020), the existence of technology has increased various positive benefits for education, such as online learning and various learning media that can make learning more interesting for students. As stated by Agustian & Salsabila (2021), media provide opportunities for every educator and education expert to develop new learning methods. Quoting from a statement given by Ajizah (2021); Kartini & Putra (2020), implementing technology in teaching and learning activities can make students experience increased motivation and learning outcomes.

Interactive learning media can be an option for the learning process to make teaching and learning activities more interesting for students and can provide positive results. Doni Tri Putra Yanto (2019) explains that interactive learning media is a tool, facility, or media that can be used in teaching and learning activities to provide opportunities for students to be actively involved in learning activities. Interactive learning media will provide space for students to be able to interact, participate, and be directly involved by utilizing the technology available at school, such as gadgets, laptops, computers, or other electronic media. The interactions built by interactive learning media include those stated by Dwiqi et al. (2020); Muthoharoh & Sakti (2021), namely question and answer activities, discussions between students, and collaboration of all class members to solve problems in learning together. With interactive learning media, students' understanding and knowledge as well as students' resistance to concentrating will increase due to more dynamic learning process (Anggraeni et al., 2021).

One of the interactive learning media that is currently developing in the digital era is Articulate Storyline 3. Based on the explanation by Husna (2022), Articulate Storyline 3 is a media that functions to create an interactive learning media with a web base and also a web application that can be operated by teachers and students with available gadgets, whether laptops or gadgets. Articulate Storyline in learning will make the transfer of information more interesting and can encourage active student involvement

in the implementation of learning and gain maximum knowledge and understanding rather than using conventional learning (Geni et al., 2020).

However, even though the use of interactive learning media has been proven in research to improve learning outcomes and motivation for students and help teachers convey the information or material being taught, it is still common to find schools that still do not use interactive learning media and still using conventional learning methods as proposed by Gulo & Harefa (2022). One of the schools that still applies conventional learning methods is SD Negeri Kalirejo 01 Ungaran, specifically in VI grade. The researchers found that when studying Sitaya or the Solar System, educators or teachers still used conventional teacher-centered learning methods. Based on the learning results, the researchers found that the scores obtained by the students were still below the minimum criteria of completeness. Therefore, the researchers considered that with these results in Sitaya learning, interactive learning media is necessary to boost the students' learning outcomes in the classroom during the teaching and learning process.

Research Methods

Implementation of research carried out by research and development researchers used the analysis, design, development, implementation and evaluation (ADDIE) model to assess the impact produced by Articulate Storyline 3 in the learning process on students in VI grade at SD Negeri Kalirejo 01 Ungaran.

Albet Maydiantoro (2019) explains that RnD research is a research method that utilized an investigative process with the aim of developing or manufacturing a product. It can be a method or technology that is used to improve the activities as the theme of the research. RnD research involves various steps conducted systematically and has the aim of understanding, designing, and implementing the results of innovative products created previously (Zakariah et al., 2020).

ADDIE is a model or research approach for designing a program or development in the field of teaching, whether formal teaching at school or non-formal (Netty Nababan, 2020). The implementation of the ADDIE model includes several aspects as quoted from Setiawan et al. (2021) as follows:

a. Analysis

During the analysis stage, the researchers conducted research and collect data to find

out what was needed for learning, which included learning objectives, learning targets, surrounding conditions or environmental conditions, and obstacles that may occur in the future.

b. Design

In the second stage, researchers carried out instructional design to create the structure of the program or product based on previously obtained data.

c. Development

The researchers developed the program or product created, including modules, teaching materials, and also the learning media used.

d. Implementation

At this stage, the researchers implemented the product or program that has been previously prepared in the classroom to provide teaching for the research audience or target.

e. Evaluation

After implementing the product, the researchers evaluated whether its product development has met the objectives of creating the material in question.

The researchers used a sample of VI grade students at SD Negeri Kalirejo 01 Ungaran for research. The data collected by researchers was in the form of validation from material and media experts, students and teachers, who served as teachers in VI grade. Data analysis used in this research utilized Likert scale analysis techniques for 1-4 as shown in Table 1 and a questionnaire for the students and teachers to assess the effectiveness of the learning media use that has been created.

Table 1. Likert Scale Classification

Score	Likert Scale	
4	Very Worthy	
3	Worthy	
2	Unworthy	
1	Very Unworthy	

Results and Discussion

The discussions carried out in this research applied ADDIE model procedures, including analysis, design, development, implementation, and evaluation. The discussion in accordance with the standards used by the ADDIE model outlined the learning media using Articulate Storyline 3 created by the researchers.

1.1. Analysis

In carrying out the analysis on the ADDIE model, the researchers employed two models to analyze the learning model data applied by educators or teachers in the learning process. This data collection process was carried out by conducting interviews with the subject teachers concerned and collecting documentation of the values obtained by students in Sitaya learning.

Based on the results of the data collection carried out, the researchers found that the educators concerned still used conventional learning methods. This methods are learning methods that still focused on teachers without using any learning media (Andi Ferawati Jafar, 2021). The Researchers found that the teacher in question still used conventionallearning methods due to a lack of understanding of technology, including the teacher in question not understanding how to use or utilize technology in learning that can increase motivation and learning outcomes of students. The teacher stated that these obstacles could make students were not interested in the teaching and learning process.

In accordance with this explanation, based on documentation findings regarding student grades, researchers found that there were still more than 50% of students who scored below the maximum criteria of completeness. This shows that the conventional methods used by teachers in the classroom were numerically less capable of increasing students' understanding in the Sitaya material. Moreover, the data obtained from students found that students preferred to use their devices rather than pay attention to the teacher in class, causing the learning often did not run effectively. The researchers also found that students preferred interacting with their friends compared to paying attention to explanations made by educators or teachers in front of the class.

Therefore, the researchers conclude that it is important to create a learning media that is based on technology. This learning media must be able to attract students' attention to focus on learning. The researchers found that interactive learning media using Articulate Storyline 3 could be a solution because it has advantages as stated by Hadza et al. (2020) that it can encourage learning outcomes, student motivation, and students' focus on learning.

1.2. Design

After analyzing the problems experienced in learning process, the researchers designed interactive learning media based on Articulate Storyline 3 according to the

material needs in the class. Articulate storyline 3 is designed in accordance with the explanation made by Harsiwi & Arini (2020) regarding interesting and interactive learning mediafor students, namely having attractive graphics. It can be accessed by students independently on their respective devices and can also trigger responses from students who are studying. Meanwhile, in the content of the material, the researchers involved the following components to form a research framework, such as (1) material title, (2) competencies and indicators, (3) learning objectives, (4) material content, and (5) evaluation of learning in the formof a quiz in Articulate Storyline 3.

The basics that have been prepared above were continued by carrying out the stages of creating an Articulate Storyline using the Articulate.com page. In this stage, the researchers attached the components that have been determined previously and then finalized them.

1.3. Development

Next, the researchers conducted developments in the learning media by including supporting ornaments in the media that have been previously designed. At this stage, the researchers also evaluated the media that has been created previously. Evaluation at this stage was carried out by asking for assessments from learning media experts using a Likert scale, namely Ervan Kusumajaya, S.So., and also Dyah Ayu Permatasari, S.Pd, as the experts in the material being taught of Sitaya.

In the first assessment, namely the validation given by Ervan Kusumajaya, S.So., the researchers found that the value had been declared feasible without the need for revision with detailed data, from the sixteen (16) assessment items given to the person concerned, a score of 4 was obtained for eleven (11) items. Meanwhile, the remaining assessment, five (5) items, received a score of 3. At this stage, the researchers asked for an assessment of the appearance or layout, coloring, images or photos used, fonts, and menus in the Articulate Storyline that had been formed. For eachof these criteria, it was found that the display criteria got a total score of 15 out of 16. Meanwhile, the coloring criteriagot a total score of 14 out of 16, the image criteria got a score of 7 out of 8, the letters or fonts got a score of 11 out of 12, and the menu section got a score of 11 out of 16. the 13 points out of a total of 13 points that can be given by experts. A table regarding the assessment results from media experts can be seen in Table 2.

Table 2. Assessment Results from Material Experts

Criteria	Number of Indicators/Assessment	Total
	Items	Score
		Obtained
Display (Layout)	4	15
Coloring	4	14
Image (Photo)	2	7
Letters (Fonts)	3	11
Menu (Icons)	3	12
	Total	59

Based on the assessment obtained, it can be concluded that the media prepared is in accordance with the media standards held by media experts, namely Evan Kusumawijaya, S. Sos. This research helps researchers to determine whether the media being prepared can be used or still needs further development. this consideration is taken based on the opinion of the media expert on the media prepared by the researcher. Therefore, based on the assessment given by the expert, the researchers is able to carry out or continue research using the Articulate Storyline 3 media as a teaching medium for VI grade students at SD Negeri Kalirejo 01 Ungaran.

The second assessment in providing validation of the learning media shows the similar results that the learning media was declared to be appropriate or feasible and did not need to be revised. Based on the assessment results obtained, the researchers found that out of a total of seventeen (17) assessment items, six (6) items received a score of 3 and theremaining eleven (11) items received a score of 4. The assessment concerned six important criteria in learning media, namely the application display, the application menu, the content of the application, ease of use, usefulness, and its implementation. In the first criterion, it was found that out of a total of two assessment items, the entire item got a score of 4. Meanwhile, in the second criterion, the researchers found that of the three indicator items, two items got a score of 4, while the remaining one got a score of 3. Furthermore, in the third criterion, the researchers found that overall the assessment item received a score of 4. In the fourth criterion, namely ease of use, the researchers foundthat the material expert gave two (2) items with a score of 3 and the remaining two (2) items received a score of 4. In the usefulness criterion, the researchers found that from one (1) assessment item, a score of 4 was obtained. Finally, in the implementation criterion, the researchers found that of the three (3) indicators given, two (2) items received a value of 3, while the remaining one (1) item received a value of 4. Based on this value, the assessment results of a total of seventeen (17) indicators or assessment items given, six (6) items received a value of 3, and eleven (11) items received a value of 4. Table regarding the assessments results obtained can be seen in the table 3.

This assessment means that the media that has been prepared is in accordance with the standards provided by the material expert, namely Dyah Ayu Permatasari, S.Pd., both in terms of the content, the attractive appearance, the menus, user-friendly, ease of use of media, useful value, and its implementation. The research provided by selected material experts makes it easier for researchers to get an overview and conclusions regarding the learning media according to the components that have been determined. Therefore, based on the assessment given, the researchers concluded that this media could be continued to the implementation stage in teaching and learning activities in class.

Table 3. Assessment Results by Material Experts

Criteria	Number of Indicators/Assessment Items	Total Score Obtained
Application View/Display	2	8
Application Menu	3	10
Content or Application Content	4	16
Ease of Use	4	14
Expediency	1	4
Implementability	3	10
Tota	al	62

1.4. Implementation

At this stage, the researchers implemented the interactive learning media that had been formed, namely Articulate Storyline 3 in classroom. This implementation was carried out by conducting trials on several aspects that will be assessed. These aspects are in accordance with the explanation carried out by Nadzif et al. (2022); Yolanda et al. (2022) regarding the assessment of interactive learning media with the ADDIE model, namely ease of using Articulate Storyline 3 interactive learning media, ease of understanding the material, comfort in using this learning media, accuracy and ease of use of Articulate Storyline 3, understand the material and accuracy with the language structure, questions, and lesson plans that have been prepared.

From the results of observation at the implementation stage, the researchers found that there were differences when students receiving instruction using conventional methods and interactive learning media of Articulate Storyline 3. When implementing the learning process using an Articulate Storyline 3, the students were more active in learning, such as having discussions with friends and teachers, as well as answering

questions asked by educators.

1.5. Evaluation

At the evaluation stage, the researchers gave questionnaires to teachers as educators and students to assess how effective the Articulate Storyline 3 learning media was used in teaching and learning activities. Based on the results of assessments, the researchers found that 94.66% of students felt the Articulate Storyline 3 interactive learning media was appropriate and made it easier for them to learn the material. Therefore, they wanted the same interactive learning media implementing in other material. Meanwhile, from the teacher's point of view, Bayu Kurniawan S.Pdas the homeroom teacher of VI grade, stated that the Articulate Storyline 3 interactive learning media was suitable in the learning process. The results of the questionnaire filled out by Bayu Kurniawan, S.Pd showed a score of 4 to 8 out of ten aspects of safety and two of them got a score of 3.

Conclusion

Articulate Storyline 3 is an interactive learning media that emerged due to technological developments, which ultimately had an influence on the education world. In its implementation, the researchers found that the Articulate Storyline 3 learning media, both empirically in class and based on questionnaires, is able to have a positive influence on learning process. From the students' point of view, students were empirically more interested in participating in learning process. In addition, questionnaires showed a similar result that students were more comfortable in using its media. Meanwhile, based on the teacher's point of view, namely Bayu Kurniawan, S.Pd, it shows the same thing that the use of Articulate Storyline 3 is able to make it easier to deliver the material and can run effectively in accordance with the lesson plan and students in understanding the material about Sitaya.

References

Agustian, N., & Salsabila, U.H. (2021). The Role of Educational Technology in Learning. *Islamika*, 3 (1), 123–133.https://doi.org/10.36088/islamika.v3i1.1047

Ajizah, I. (2021). The Urgency of Educational Technology: Analysis of the Advantages and Disadvantages of Educational Technology in the Era of Industrial Revolution 4.0. *Journal of Chemical Information and Modeling*, 4 (1), 25–36.

- Albet Maydiantoro. (2019). Research and Development Models (Research and Development). *Journal of Research Methods*, 10, 1–8.
- Andi Ferawati Jafar. (2021). Application of Conventional Learning Methods to Students' Physics Learning Outcomes. *Al Asma: Journal of Islamic Education*.
- Anggraeni, SW, Alpian, Y., Prihamdani, D., & Winarsih, E. (2021). Development of Video-Based Interactive Learning Multimedia to Increase Elementary School Students' Interest in Learning. *Basicedu Journal*, *5* (6), 5313–5327. https://doi.org/10.31004/basicedu.v5i6.1636
- Doni Tri Putra Yanto. (2019). Practicality of Interactive Learning Media in the Electrical Circuit Learning Process. *INVOTEK: Journal of Innovation, Vocational And Technology*, 19 (1), 75–82.
- Dwiqi, GCS, Sudatha, IGW, & Sukmana, AIWIY (2020). Development of Multimedia Interactive Learning in Science Subjects for Class V Elementary School Students. *Undiksha Edutech Journal*, 8 (2), 33. https://doi.org/10.23887/jeu.v8i2.28934
- Geni, KHYW, Sudarma, IK, & Mahadewi, LPP (2020). Development of Interactive Learning Multimedia Using the CTL Approach in Thematic Learning for Class IV Elementary School Students. *Undiksha Edutech Journal*, 8 (2), 1. https://doi.org/10.23887/jeu.v8i2.28919
- Gulo, S., & Harefa, A. O. (2022). Development of Powerpoint Based Interactive Learning Media. *Educativo: Journal of Education*, 1 (1), 291–299. https://doi.org/10.56248/educativo.v1i1.40
- Hadza, C., Sesrita, A., & Suherman, I. (2020). Development of Learning Media Based on Articulate Storyline. *Indonesian Journal of Applied Research (IJAR)*, 1 (2), 80–85. https://doi.org/10.30997/ijar.v1i2.54
- Harsiwi, UB, & Arini, LDD (2020). The Effect of Learning Using Interactive Learning Media on Student Learning Outcomes in Elementary Schools.

 Basicedu Journal*, 4(4), 1104–1113.https://doi.org/10.31004/basicedu.v4i4.505
- Husna, MN (2022). Tutorial for making Articulate Storyline 3 application media for elementary school learning. *Nautical: A Multidisciplinary Scientific Journal*, 1 (2), 41–48.
- Kartini, KS, & Putra, INTA (2020). Student Responses to the Development of Android-Based Interactive Learning Media. *Indonesian Journal of Chemical Education*, 4 (1), 12. https://doi.org/10.23887/jpk.v4i1.24981
- Muthoharoh, V., & Sakti, NC (2021). Interactive Learning Media Using Adobe Flash CS6 for Social StudiesLearning for High School Students. *Educative: Journal of Educational Sciences*, 3(2), 364–375. https://doi.org/10.31004/edukatif.v3i2.315
- Nadzif, M., Irhasyuarna, Y., & Sauqina, S. (2022). Development of Interactive Science Learning Media Based on Articulate Storyline in Middle School Solar System Material. *JUPEIS: Journal of Education and SocialSciences*, 1 (3), 17–27. https://doi.org/10.55784/jupeis.vol1.iss3.69
- Netty Nababan. (2020). Development of Geogebra-Based Learning Media Using the Addie Development Model inClass Xi Sman 3 Medan. *Inspirational Journal*, *6*, 40. https://jurnal.unimed.ac.id/2012/index.php/jpmi/article/view/19657/14049

- Purba, RA, Tamrin, AF, Bachtiar, E., Makbul, R., Rofiki, I., Metanfanuan, T., Masrul, M., Simarmata, J., Juliana, J., & Irawan, E. (2020). Education technology. In *Medan: Our Writing Foundation*.
- Setiawan, HR, Rakhmadi, AJ, & Raisal, AY (2021). Development of Black Hole Teaching Media Using the AddieDevelopment Model. *Journal of Coil Physics*, 4 (2), 112–119. https://doi.org/10.33369/jkf.4.2.112-119
- Yolanda, S., Winarni, R., & Yulisetiani, S. (2022). The New Way Improve Learners' Speaking Skills: Picture and Picture Learning Media Based on Articulate Storyline. *Journal of Educational Technology*, 6 (1), 173–181. https://doi.org/10.23887/jet.v6i1.41452
- Zakariah, MA, Vivi Afriani, K., & Zakariah, M. (2020). Qualitative, Quantitative, Action Research, Research and Development (RND) Research Methodology. *Al Mawaddah Warrahmah Islamic Boarding School Foundation*, 118.

BIODATA PENULIS



Nama lengkap penulis Fitri Ayu Octaviasari, lahir pada tanggal 15 Oktober 2001 di Kabupaten Pati, Provinsi Jawa Tengah. Penulis merupakan anak ke-3 (Terakhir) dari pasangan Sartono Hadi Saputro dan Aning Susanty. Penulis menganut agama islam. Penulis pernah menempuh pendidikan di SD N Pati Kidul 01 Pati, dan lulus pada tahun 2016. Kemudian melanjutkan pendidikan di SMP N 4 Pati dan lulus pada tahun 2018. Penulis

melanjutkan sekolah di SMA PGRI 1 PATI dan lulus pada tahun 2020. Pada tahun 2020 penulis melanjutkan pendidikan di Universitas PGRI Semarang, Fakultas Ilmu Pendidikan, Program Studi Pendidikan Guru Sekolah Dasar. Selama menempuh pendidikan, penulis banyak mendapat pengalaman hidup yang sangat bermanfaat, baik pengalaman akademik maupun pengalaman non-akademik. Dengan ketekukan, motivasi tinggi untuk terus belajar dan berusaha, penulis telah berhasil menyelesaikan pengerjaan karya tulis ilmiah ini. Semoga dengan penulisan karya tulis ilmiah ini mampu memberikan kontribusi positif bagi dunia pendidikan.

Akhir kata penulis mengucapkan rasa syukur yang sebesar-besarnya atas terselesaikannya karya tulis ilmiah yang berjudul "Development Of Interactive Learning Media "SITAYA" (Sistem Tata Surya) On Articulate Storyline Based 3 In Vi Grade Students At Sd Negeri Kalirejo 01 Ungaran".



PT MATTAWANG MEDIATAMA SOLUTION

EduLine: Journal of Education and Learning Innovation

Gedung Wirausaha Lantai 1 Unit 104, Jalan HR Rasuna Said Kav. C-5, DKI Jakarta, Indonesia Laman: http://www.mattawangmediatama.co.id, E-mail: journal@ahmar.id Whatsapp: +6282124121223

Letter of Acceptance

Dear Fitri Ayu Octaviasari, Prasena Arisyanto, & Choirul Huda

Congratulations! The Editorial Team of EduLine: Journal of Education and Learning Innovation, is pleased to inform you that, after the peer-review your paper with entitled:

Development of Interactive Learning Media "SITAYA" (Sistem Tata Surya) on Articulate Storyline-Based 3 in VI Grade Students at SD Negeri Kalirejo 01 Ungaran

has been ACCEPTED to be published regularly in EduLine: Journal of Education and Learning Innovation, Vol. 3 No. 4, 2023.

Thank your very much for submitting your article to EduLine: Journal of Education and Learning Innovation. We hope and waiting to could submitting your other paper in our journal.

Makassar, 14 Desember 2023



Akbar Iskandar, S.Pd., M.Pd., M.Kom. Editorial Board

Note: EduLine: Journal of Education and Learning Innovation has been accredited as a SINTA 4 from Vol. 1 No. 1, 2020.

Printed on: 26/04/2024 22:26:33 Scan barcode for validation.

or check on http://loa.ahmar.id with ID Article: 2219



UNIVERSITAS PGRI SEMARANG FAKULTAS ILMU PENDIDIKAN (FIP)

Jl. Sidodadi Timur Nomor 24 - Dr. Cipto Semarang - Indonesia Telp. (024) 8316377 Faks. 8448217 Email : upgris@ac.id Homepage : www.upgrismg.ac.id

KEPUTUSAN DEKAN FAKULTAS ILMU PENDIDIKAN

UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG

Nomor: 039D/SK-FIP/UPGRIS/II/2023

tentang

PENGANGKATAN DOSEN PEMBIMBING SKRIPSI PROGRAM STUDI PENDIDIKAN GURU SEKOLAH DASAR FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG TAHUN AKADEMIK 2022/2023

DEKAN FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG :

Menimbang

: Bahwa untuk kelancaran pelaksanaan studi bagi para mahasiswa Program Strata Satu pada Program Studi Pendidikan Guru Sekolah Dasar FIP Universitas PGRI Semarang dalam penyusunan dan pertanggungjawaban Skripsi, maka dipandang perlu menetapkan keputusan pengangkatan dosen pembimbing skripsi.

Mengingat

- :1. Undang undang RI Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional.
- 2. Undang undang RI Nomor 12 Tahun 2012 tentang Sistem Pendidikan Tinggi
- 3. Peraturan Pemerintah Republik Indonesia Nomor 4 tahun 2014 tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi.
- 4. Anggaran Dasar dan Anggaran Rumah Tangga YPLP PGRI Semarang juncto Perubahan SK Menkumham AHU-AH 01.08-499 tanggal 18 Agustus 2010.
- 5. Surat Keputusan YPLP PT PGRI Semarang Nomor: 045B/P.Y/U/Kpts/3.1/YPLP PT PGRI Semarang Nomor 052B/P.Y/U/Kpts/3.1/YPLP PT PGRI/IV/2014 tentang Statuta Universitas PGRI Semarang.
- 6. Surat Keputusan Rektor Universitas PGRI Semarang Nomor : 056/SK/UPGRIS/II/2023 tentang Pengangkatan Dekan Fakultas Ilmu Pendidikan (FIP) Universitas PGRI Semarang Masa Jabatan 2023 2027.

Memperhatikan: Usulan Ketua Program Studi Pendidikan Guru Sekolah Dasar Nomor: 011A/PGSD/FIP-UPGRIS/II/2023 tanggal 1 Februari 2023 tentang bimbingan skripsi

MEMUTUSKAN

Menetapkan

- : 1. Mengangkat Saudara-saudara yang namanya tercantum pada lampiran menjadi pembimbing skripsi mahasiswa Program Studi Pendidikan Guru Sekolah Dasar FIP Universitas PGRI Semarang yang namanya tercantum pada lampiran.
 - Menugasi Saudara-saudara tersebut untuk melaksanakan bimbingan penulisan skripsi sesuai Pedoman Penulisan Skripsi Mahasiswa Program Strata Satu FIP Universitas PGRI Semarang.
 - 3. Konsekuensi yang ditimbulkan pada butir II tersebut di atas dibebankan pada APBU Universitas PGRI Semarang Tahun 2022-2023 atau mata anggaran yang relevan.
 - 4. Apabila di kemudian hari ternyata terdapat kekeliruan dalam keputusan ini akan diperbaiki sebagai mana mestinya

Ditetapkan di : Semarang Pada tanggal : 28 Februari 2023 Dekan

Dr. Arri Handayani, S.Psi., M.Si.

NPP 997401149

Tembusan disampaikan kepada Yth.:

- 1. Kaprodi Pendidikan Guru Sekolah Dasar FIP Universitas PGRI Semarang
- 2. Dosen yang bersangkutan

LAMPIRAN KEPUTUSAN DEKAN FIP UNIVERSITAS PGRI SEMARANG

Nomor

: 039D/SK-FIP/UPGRIS/II/2023

Tanggal

: 28 FEBRUARI 2023

Nama Dosen Pembimbing : Prasena Aristanyo, S.Pd., M.Pd

NPP

: 179101526

Pangkat/Jabatan

: Penata / IIIC

NO	NAMA MAHASISWA	NPM
1	Fatika Nuraini	20120357
2	Pipit Nur Hidayati	20120243
3	Fitri Ayu Octaviasari	20120262
4	Andin Putri Ayyuni	20120221
5	Nunky Arina Hapsari	20120403
6	Azka Syifa Ussita	20120311
7	Putri Rahmasari	20120205
8	Esti Aulia Rahma Dani	20120114
9	Afif Fahmi Triatmaja	20120048
10	Yanuar Ahmad Darmawan	20120173
11	Sya'rifah Dwi Saputri	20120290
12	Aredita Putri Fajarini	20120368
13	Anisatul Nisa	
14	Farah Dibah	20120359
15	Andika Aji Teguh Saputra	20120090
16	Ersalwa Herviana Putri	20120285
7	Sea Duta Alfa Harcinlani	20120276
18	Dewi Rona Sofiyani	20120136

andayani, S.Psi., M.Si.



UNIVERSITAS PGRI SEMARANG FAKULTAS ILMU PENDIDIKAN (FIP)

Jl. Sidodadi Timur Nomor 24 - Dr. Cipto Semarang - Indonesia Telp. (024) 8316377 Faks. 8448217 Email : upgris@ac.id Homepage : www.upgrismg.ac.id

KEPUTUSAN DEKAN FAKULTAS ILMU PENDIDIKAN

UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG

Nomor: 039D/SK-FIP/UPGRIS/II/2023

tentang

PENGANGKATAN DOSEN PEMBIMBING SKRIPSI PROGRAM STUDI PENDIDIKAN GURU SEKOLAH DASAR FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG TAHUN AKADEMIK 2022/2023

DEKAN FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG :

Menimbang

: Bahwa untuk kelancaran pelaksanaan studi bagi para mahasiswa Program Strata Satu pada Program Studi Pendidikan Guru Sekolah Dasar FIP Universitas PGRI Semarang dalam penyusunan dan pertanggungjawaban Skripsi, maka dipandang perlu menetapkan keputusan pengangkatan dosen pembimbing skripsi.

Mengingat

- :1. Undang undang RI Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional.
- 2. Undang undang RI Nomor 12 Tahun 2012 tentang Sistem Pendidikan Tinggi
- 3. Peraturan Pemerintah Republik Indonesia Nomor 4 tahun 2014 tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi.
- 4. Anggaran Dasar dan Anggaran Rumah Tangga YPLP PGRI Semarang juncto Perubahan SK Menkumham AHU-AH 01.08-499 tanggal 18 Agustus 2010.
- 5. Surat Keputusan YPLP PT PGRI Semarang Nomor: 045B/P.Y/U/Kpts/3.1/YPLP PT PGRI Semarang Nomor 052B/P.Y/U/Kpts/3.1/YPLP PT PGRI/IV/2014 tentang Statuta Universitas PGRI Semarang.
- 6. Surat Keputusan Rektor Universitas PGRI Semarang Nomor : 056/SK/UPGRIS/II/2023 tentang Pengangkatan Dekan Fakultas Ilmu Pendidikan (FIP) Universitas PGRI Semarang Masa Jabatan 2023 2027.

Memperhatikan: Usulan Ketua Program Studi Pendidikan Guru Sekolah Dasar Nomor: 011A/PGSD/FIP-UPGRIS/II/2023 tanggal 1 Februari 2023 tentang bimbingan skripsi

MEMUTUSKAN

Menetapkan

- : 1. Mengangkat Saudara-saudara yang namanya tercantum pada lampiran menjadi pembimbing skripsi mahasiswa Program Studi Pendidikan Guru Sekolah Dasar FIP Universitas PGRI Semarang yang namanya tercantum pada lampiran.
 - Menugasi Saudara-saudara tersebut untuk melaksanakan bimbingan penulisan skripsi sesuai Pedoman Penulisan Skripsi Mahasiswa Program Strata Satu FIP Universitas PGRI Semarang.
 - 3. Konsekuensi yang ditimbulkan pada butir II tersebut di atas dibebankan pada APBU Universitas PGRI Semarang Tahun 2022-2023 atau mata anggaran yang relevan.
 - 4. Apabila di kemudian hari ternyata terdapat kekeliruan dalam keputusan ini akan diperbaiki sebagai mana mestinya

Ditetapkan di : Semarang Pada tanggal : 28 Februari 2023 Dekan

Dr. Arri Handayani, S.Psi., M.Si.

NPP 997401149

Tembusan disampaikan kepada Yth.:

- 1. Kaprodi Pendidikan Guru Sekolah Dasar FIP Universitas PGRI Semarang
- 2. Dosen yang bersangkutan

LAMPIRAN KEPUTUSAN DEKAN FIP UNIVERSITAS PGRI SEMARANG

Nomor

: 039D/SK-FIP/UPGRIS/II/2023

Tanggal

: 28 Februari 2023

Nama Dosen Pembimbing : Choirul huda M.Pd

NPP

: 108101300

Pangkat/Jabatan

: Penata / IIIC

NO	NAMA MAHASISWA	NPM
1	Sintiya Ulfa	20120128
2	Octa Ridho Ktut Ardhi	20120400
3	Diyah Puspitarini	20120177
4	Salsa Ulwiyah Ulfiyana	20120057
5	Ghina Alifia	20120327
6	Okta Fian Ningrum Dela Agustin	20120197
7	Galih Yoga Prasetyo	20120216
8	Laila Rochatul Jannah	20120375
9	Muhammad Fatkhul Farkhan	20120263
10	Muhammad Andyansah Putra	20120073
11	Nabila Choirusyfak Fitrahin	20120115
12	Muhammad Nafish	20120396
13	Ayu Rahmawati	20120231
14	Dhea Ayu Alifvia	20120226
15	Fitri Ayu Octaviasari	20120262
16	Lia Lestari	20120190
17	Khusnul Khotimah Wulandari	

Dr. Arri Handayani, S.Psi., M.Si.

NPP 997404149



UNIVERSITAS PGRI SEMARANG FAKULTAS ILMU PENDIDIKAN (FIP)

Jl. Sidodadi Timur Nomor 24 - Dr. Cipto Semarang - Indonesia

Telp. (024) 8316377 Faks. 8448217 Email: upgris@ac.id Homepage: www.upgrismg.ac.id

KEPUTUSAN DEKAN FAKULTAS ILMU PENDIDIKAN

UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG Nomor: 057C/SK-FIP/UPGRIS/II/2024

tentang

PENGANGKATAN DOSEN PENGUJI DISEMINASI ARTIKEL KARYA TULIS ILMIAH PROGRAM STUDI PENDIDIKAN GURU SEKOLAH DASAR FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG TAHUN AKADEMIK 2023/2024

DEKAN FAKULTAS ILMU PENDIDIKAN UNIVERSITAS PERSATUAN GURU REPUBLIK INDONESIA SEMARANG :

Menimbang

: Bahwa untuk kelancaran pelaksanaan studi bagi para mahasiswa Program Strata Satu pada Program Studi Pendidikan Guru Sekolah Dasar FIP Universitas PGRI Semarang dalam penyusunan dan pertanggungjawaban Artikel Karya Tulis Ilmiah., maka dipandang perlu menetapkan keputusan pengangkatan dosen Penguji Diseminasi Artikel Karya Tulis Ilmiah..

Mengingat

- : 1. Undang undang RI Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional.
 - 2. Undang undang RI Nomor 12 Tahun 2012 tentang Sistem Pendidikan Tinggi
 - 3. Peraturan Pemerintah Republik Indonesia Nomor 4 tahun 2014 tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi.
 - Anggaran Dasar dan Anggaran Rumah Tangga YPLP PGRI Semarang juncto Perubahan SK Menkumham AHU-AH 01.08-499 tanggal 18 Agustus 2010.
 - Surat Keputusan YPLP PT PGRI Semarang Nomor: 045B/P.Y/U/Kpts/3.1/YPLP PT PGRI Semarang Nomor 052B/P.Y/U/Kpts/3.1/YPLP PT PGRI/IV/2014 tentang Statuta Universitas PGRI Semarang.
 - Surat Keputusan Rektor Universitas PGRI Semarang Nomor: 056/SK/UPGRIS/II/2023 tentang Pengangkatan Dekan Fakultas Ilmu Pendidikan (FIP) Universitas PGRI Semarang Masa Jabatan 2023 - 2027

Memperhatikan

: Usulan Ketua Program Studi Pendidikan Guru Sekolah Dasar Nomor : 043/PGSD/FIP/UPGRIS/II/2024 tentang Penguji Diseminasi Artikel Karya Tulis Ilmiah.

MEMUTUSKAN

Menetapkan

- : 1. Mengangkat Saudara-saudara yang namanya tercantum pada lampiran menjadi Penguji Diseminasi Artikel Karya Tulis Ilmiah. mahasiswa Program Studi Pendidikan Guru Sekolah Dasar IP Universitas PGRI Semarang yang namanya tercantum pada lampiran.
 - Dosen yang tersebut dalam ketetapan pertama yang ditugasi menjadi dosen Penguji Diseminasi Artikel Karya Tulis Ilmiah. berhak mendapat honorerium sesuai dengan keputusan YPLP PT PGRI Semarang
 - Keputusan ini berlaku sejak ditetapkan dan berakhir sampai dengan periode Diseminasi Artikel Karya Tulis Ilmiah. yang akan datang dengan ketentuan bahwa apabila dikemudian hari terdapat kekeliruan dalam penetapan ini akan diperbaiki sebagaimana mestinya

Ditetapkan di : Semarang

Pada tanggal : 29 Februari 2024

Dekan.

Arri Handayani, S.Psi., M.Si.

NRP 997404149

Tembusan disampaikan kepada Yth.:

1. Dosen yang bersangkutan

LAMPIRAN KEPUTUSAN DEKAN FIP UNIVERSITAS PGRI SEMARANG

Nomor

: 057C/FIP/UPGRIS/II/2024

Tanggal

: 29 Februari 2024

Nama Dosen

: Dr. Siti Patonah, M.Pd.

NPP

: 097801251

Pangkat

: Penata /III C

Sebagai Penguji Diseminasi Artikel Publikasi Karya Tulis Ilmiah pada Program Studi Pendidikan Guru Sekolah Dasar

NO	NAMA MAHASISWA	NPM	TANGGAL UJIAN
_ 1	Fitri Ayu Octaviasari	20120262	Senin, 22 April 2024

GURU REPUBL

Dr. Arri Handayani, S.Psi., M.Si.

NPP 997401149