Development of *Youcut* Media Assisted Teaching Materials in Indonesian Language and Literature Education Study Program in the Learning Process of Sintaxis Courses

Azhar Umar[1], Yuliana Sari[2], Inayah Hanum[3]

azharumar.unimed@gmail.com

Department of Indonesian Language and Literature Education, Faculty of Languages and Arts, Universitas Negeri Medan, Medan, Indonesia, 20221[1,2,3]

Abstract. This research discusses the development of syntax teaching materials assisted by YouCut media, UNIMED's Indonesian language and literature education study program. The objectives of this research are (1) to develop initial learning products assisted by YouCut media in the Syntax course at the Indonesian Language and Literature Education Study Program, (2) to test the effectiveness of YouCut learning in the Syntax course at the Indonesian Language and Literature Education Study Program. The sample for this research is students in the third semester of regular class B for the 2022/2023 academic year of the Indonesian Language and Literature Education Study Program. This research uses the Research and Development method. The results of this research show that 100% of lecturers and students need the use of teaching materials assisted by YouCut media. It can be concluded that the Syntax course after using YouCut-based media is more effective than before using Youcut-based media.

Keywords: Teaching Materials, YouCut, Syntax.

1 Introduction

In realizing national development, education is the government's priority, this is stated in Law No. 20 of 2003, Article 3 concerning the National Education System, which states that national education aims to develop abilities and form a dignified national character and civilization in order to educate the nation's life, aiming to developing the potential of students to become human beings who believe and are devoted to God Almighty, have noble character, are healthy, knowledgeable, capable, creative, independent, and become democratic and responsible citizens. This means that education plays an important role in every aspect of life, especially in improving human resources.

In realizing a national education goal, development of teaching staff is needed to produce daily learning innovations so as to create effective learning. As a result of the Covid-19

pandemic which has hit Indonesia for 2 years, learning is required to be carried out remotely using supporting technology. Conditions like this are a challenge for educators in realizing national education goals.

As is known, technology and education are side by side and cannot be separated. The use of technology in learning provides learning activities that are more varied and enjoyable and easy to accept, including the use of teaching materials in learning, both at school and at university. Therefore, the development of information and communication technology has a major influence on the world of education.

Rusman says that teaching materials are "materials or lesson materials that are systematically arranged and used by teachers or students in the learning process". Another opinion also states that teaching materials are tools for teachers to carry out the learning process, both written and unwritten, so as to create an interesting learning environment. Teaching material models are textbooks, modules, handouts, worksheets, models (mockets), audio teaching materials, interactive teaching materials, and so on. One of the teaching materials that is currently being developed is digital modules. The two types have differences in their shape and how they are used.

The Covid-19 situation requires lectures to be carried out online as a result of which the lecturer's learning system has changed drastically. Of course, the use of teaching materials must vary according to situations and conditions so that learning objectives can be achieved. The use of teaching materials in the world of lectures plays a very important role because the world of lectures actually forms students who are independent and creative in accordance with the essence of teaching materials as stated above. The teaching materials in the Indonesian Language and Literature Education study program are still printed and monotonous. The Indonesian Language and Literature Education Study Program at Medan State University needs the latest innovations in the use of teaching materials. The innovation needed can be in the form of interesting teaching materials that suit current needs.

The development of teching mateials curenly neded is the ue of digital or non-print base teching mateials. This teching mateial is cetainly vey practical and esy to ue because it can be accesed anytime and anywhee and doen't cost a lot of mone. The deelpment of teching mateials is focued on deelping Youcut-based teching mateials. The YouCut application is an Android application that can be ued as a teching mateial cretion application beides Kinemaster and Inshot which are ofte ued. YouCut is a powerful video editing application that can convert videos from the user's camera or smartphone into films. This app has most of the video editing tools that will be found in any high-quality video editing app. YouCut also has a simple interface design that makes it easier for you to use every feature offered. It is hoped that the development of YouCut-based teaching materials can help students and lecturers make it easier to understand learning materials, especially in the current situation.

The development of advances in technology and information has had a significant impact in supporting the effectiveness of learning in the classroom. Utilization and dissemination of instructional videos is an effective solution for online learning in the midst of the Covid-19 pandemic. Educational video is a medium that has audio (sound) and visual motion (moving photos) factors. As a learning medium, video functions as an introduction to data from teachers to students. The ease of repeating videos (replay) and the method of presenting data

in a structured manner make videos one of the media that can improve students' ability to master a concept.

Several studies show that the development of digital/Android based teaching materials can improve the quality of students' learning. One of them is research conducted byInsani Wahyu Mubarok, et al (2019) with the title Effectiveness of Using Indonesian Nemo Android-Based Teaching Materials for Beginner Level BIPA Students in the Darmasiswa Program at Muhammadiyah University Surabaya. The results of the research show that based on the graph of the results of the questionnaire, it can be seen that all students need Android to find learning references and learning needs with a percentage of 70%. This research found that there was an influence on the effectiveness of using Nemo Bahasa Indonesia android-based teaching materials for beginner level BIPA students of the Darmasiswa program at Muhammadiyah University of Surabaya in the listening skills course. In teaching and learning activities, learning outcomes are better than teaching and learning activities without using Android..The results of his research show thatThe average value of learning outcomes in the pre-test experimental class is 65.00, while the average value of post-test learning outcomes in the experimental class is 75.56. The significant difference between the average value of learning outcomes in the pre-test and post-test can mean that there is an increase in learning outcomes.

Therefore, based on the explanation above, the author is interested in making a development of Syntax Teaching Materials Assisted by Youcut Media in the Indonesian Language and Literature Education Study Program FBS Unimed to see the extent of the effectiveness of YouCut teaching materials in utilizing the learning process in Syntax courses.

2 Theoritical Review

2.1 Teaching materials

In essence, teaching materials are books that are used as reference standards for certain subjects which are arranged in a structured, simple manner and accompanied by learning instructions presented in the book (Osman, 2012). Meanwhile, according to. Rusman (2012) states that teaching materials are "materials or lesson materials that are systematically arranged which are used by teachers or students in the learning process". Another opinion also states that teaching materials are tools for teachers to carry out the learning process, both written and unwritten, so as to create an interesting learning environment.(in Akhyaruddin & Yusra, 2021).

Teaching materials in learning also contain detailed learning materials that can be seen from knowledge, skills and attitudes. These three materials are part of the teaching materials that cannot be separated from the learning process in class. By understanding students' knowledge, skills will be formed with good attitudes in accordance with the directions and objectives in learning.

2.2 *YouCut* App

The YouCut application is an Android application that can be used as a learning media creation application besides Kinemaster and Inshot which are often used.(Pratama and Amrullah, 2021). YouCut is a powerful video editing application that can convert videos from

the user's camera or smartphone into films. This app also has most of the video editing tools that will be found in any high-quality video editing app.

The advantages of this application apart from its many features are that it is easy to use software, proper video slicing tools, the free version is embedded with many video editing tools, live recording feature is included. In addition, this application is easy to use, free, can edit videos, can add sound, and has many filter options. Apart from that, videos edited by Youcut will not contain watermarks like videos made by other similar applications.

With several conveniences and advantages, the YouCut application is very suitable for use as an interactive multimedia producing application. The resulting video can include images, text, animation and sound so that it will make the resulting learning multimedia more interesting.

2.3 Syntax

The word syntax (English=Syintax) comes from the Greek sun meaning "with" and tattien meaning "to place". Etymologically, this term means placing or putting together words or words or groups of words. Syntax is a branch of linguistics that concerns the arrangement of words in sentences or grammar that discusses the relationship between words in speech. This is in line with the opinion of Abdul Chaer who said that syntax is a branch of linguistics which investigates word units and other units above words, their relationship to each other, and their arrangement so that they become units of speech. (inNoortyani, 2017)

3 Method

This research was carried out at the Indonesian Language and Literature Education Study Program, FBS, Medan State University in January-November. This research was designed using the Research and Development (R&D) method. According to Sugiyono (2015), the research and development (R&D) method is a research method used to produce certain products and test the effectiveness of these products. The research referred to here is conducting tests on teaching materials assisted by YouCut media which were carried out in the Syntax learning process at the Indonesian Language and Literature Education Study Program, FBS Unimed. The development in question is how to develop teaching materials assisted by YouCut media in the Indonesian Language and Literature Education study program FBS Unimed after testing.

The population in this study were all students in the third semester of the 2022/2023 academic year of the Indonesian Language and Literature Education Study Program, FBS, Medan State University. The sample for this research is students in the third semester of regular class B for the 2022/2023 academic year of the Indonesian Language and Literature Education Study Program, FBS, Medan State University.

4 Results and Discussion

The product resulting from this research and development is teaching materials assisted by YouCut media as independent teaching materials for students in learning Syntax.

4.1 Usage Needs Analysis Results Media-Assisted Syntax Teaching Materials *Youcut* in the Indonesian Language and Literature Education Study Program

Based on the questionnaire given to lecturers and students, 100% said they really needed the use of teaching materials assisted by YouCut media. To make it clearer, see the following table.

Table 1. Analysis of Usage Needs Media-Assisted Syntax Teaching Materials *Youcut* in the Indonesian Language and Literature Education Study Program.

No	Question	Answer	Frequency			Percentage
			Lecturer	Student	Amount	
1	Do you have an electronic device such as an Android smartphone?	Yes	4	36	40	100%
		No	0	0	0	0%
2	Does your Android smartphone support learning?	Yes	4	36	40	100%
		No	0	0	0	0%
3	Are you familiar with YouCut media-assisted teaching materials?	Yes	3	15	18	45%
		No	1	21	22	61.11%
4	When you teach/learn using teaching materials assisted by YouCut media?	Yes	0	0	0	0%
		No	4	36	40	100%
5	Do you need teaching materials assisted by YouCut media in the teaching/learning process?	Yes	4	36	40	100%
		No	0	0	0	0%

Based on table 1 regarding the analysis of needs for using teaching materials assisted by YouCut media, the following data is obtained:

1. All lecturers and all students (100%) have electronic devices such as Android smartphones.

2. All lecturers and students (100%) have Android smartphones that support learning.

3. Most lecturers and a small percentage of students (45%) are familiar with YouCut media-assisted teaching materials. A small portion of lecturers and the majority of students (61.11%) were not familiar with teaching materials assisted by YouCut media.

4. All lecturers and all students (100%) do not use YouCut media-assisted teaching materials when teaching/learning.

5. All lecturers and students (100%) need teaching materials assisted by YouCut media.

From the questionnaire analysis, it can be said that the application of teaching materials assisted by YouCut media is really needed by lecturers and students in the Indonesian Language and Literature Education Study Program. This is in line with the results of interviews conducted with lecturers and students who stated that the learning carried out so far had never used teaching materials assisted by YouCut media. Students hope that lecturers will use teaching materials assisted by YouCut media in the learning process so that learning outcomes can improve. This is in line with the opinion of Sanjaya (2014: 76) who states that the word learning is a translation of instruction, which is assumed to make it easier for students to learn everything through various media, such as printed materials, television programs, pictures, audio,
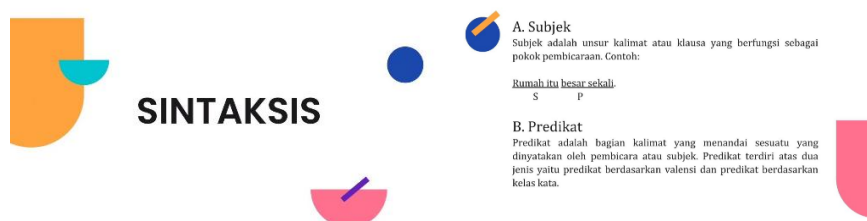
4.2 Development of Syntax Teaching Materials Assisted by Youcut Media, Unimed Indonesian Language and Literature Education Study Program

Currently, students cannot be separated from technological developments, the use of smartphones and internet access has become mandatory. Internet access that is often used by students is social media. Judging from the facilities owned by the Unimed Faculty of Languages and Arts, it shows that Unimed has various facilities, one of which is easy access to WiFi. Meanwhile, the Syntax teaching materials used by students so far are printed teaching materials. These deficiencies can affect students' learning outcomes in learning Syntax so that development needs to be carried out. The following is a comparison of old teaching materials with teaching materials that have been developed:

Table 2. Comparison of Old Telaching Matelrials with Telaching Matelrials.

Old teaching materials	Developed teaching materials
There are no examples of images/animations in the material description	There are examples of images/animations in the material explanation
There is no mind mapping	There is mind mapping
Only printed in books	Teaching materials were developed with the help of YouCut media

Seeing that the facilities provided by Unimed at the Faculty of Languages and Arts can be utilized in implementing interesting and interactive teaching materials, namely teaching materials assisted by YouCut media which have been developed in the Indonesian Language and Literature Education Study Program. The results of the development of teaching materials assisted by YouCut media can be seen in the following image.
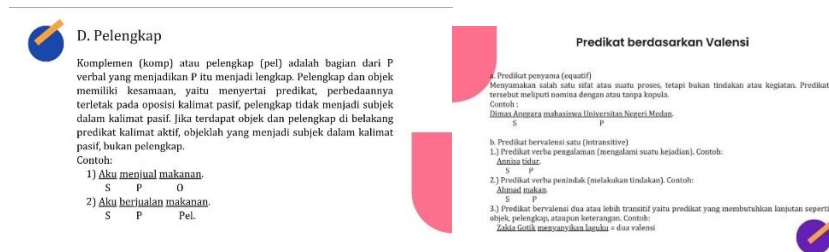
Fig. 1. PageTeaching materials Assisted by YouCut Media in the Syntax Course at the Indonesian Language and Literature Education Study Program, FBS Unimed.

4.3 Expert Assessment of Teaching Materials Assisted by YouCut Media for Content Suitability

Based on the results of the assessment of the appropriateness aspect of the material content, the use of media-assisted teaching materials*YouCut*the teaching of Syntax was declared "Very Good" with a total average percentage of 85.3%. Data from material expert validation of content suitability can be seen in the table below.

Table 3. Analysis of Usage NeedsMedia-Assisted Syntax Teaching Materials*Youcut* in the Indonesian Language and Literature Education Study Program.

Sub Component		Indicator	Average (%)	Criteria
A. Suitability of material to Learning Outcomes	1.	Material completeness	85	Very good
	2.	Breadth of material	86	Very good
	3.	Depth of material	85	Very good
B. Material accuracy	4.	Accuracy of concepts and definitions	88	Very good
	5.	Data accuracy	86	Very good
	6.	Example accuracy	85	Very good
	7.	Image accuracy	82	Very good
	8.	Accuracy of terms	85	Very good
	9.	Accuracy of symbols and icons	86	Very good
C. Update of material	10.	The suitability of the material with speech in the language	86	Very good
	11.	Internet-based displays using teaching materials assisted by the local community's YouCut media	88	Very good
	12.	Examples and cases in everyday life	87	Very good
	13.	Pictures and illustrations in everyday life	84	Very good
	14.	Using examples of cases found in everyday life	83	Very good
D. Encourage	15.	Encourage curiosity	85	Very good

curiosity	16. Creates the ability to ask questions	84	Very good

4.4 Material Expert Assessment Teaching Materials Assisted by YouCut Mediafor Presentation

The validation results from material expert validators regarding the feasibility of presentation show that the feasibility of presenting the learning media that has been developed includes very good criteria. This can be seen from the assessment score for the appropriateness of presentation according to material experts, which is rated "Very Good" with an average percentage of 85.5%. Data from validation results from material experts regarding the appropriateness of presentation can be seen in the table below.

Table 4. Material Expert AssessmentTeaching Materials Assisted by YouCut Mediafor Presentation

Sub Component	Indicator	Average (%)	Criteria
A. Presentation Techniques	1. Systematic consistency of serving	86	Very good
	2. Concept collapse	85	Very good
B. Presentation Support	3. Examples of questions in each learning activity	87	Very good
	4. Introduction	86	Very good
C. Learning Presentation	5. Student engagement	85	Very good
D. Coherence and Sequence of Thought Flow	6. Linkages between learning activities/sub-learning activities	84	Very good
	7. Wholeness of meaning	86	Very good

4.5 Material Expert Assessment Teaching Materials Assisted by YouCut Mediafor Language Aspects

The language aspect assessment according to material experts was rated "Very Good" with an average percentage score of 85.4%. Data from material expert validation of this aspect can be seen in the following table

Table 5. Expert Assessment of Teaching Materials Assisted by YouCut Media for Language Aspects

Sub Competency	Indicator	Average (%)	Criteria
A. Straightforward	1. Accuacy of sentence structure	85	Very good
	2. Sentence effectiveness	83	Very good
	3. Standardity of terms	85	Very good
B. Commuicative	4. Udertanding the mesage or information	84	Very good
C. Dialogic and Inteactive	5. Ability to motivate stuens	85	Very good

Sub Competency	Indicator	Average (%)	Criteria
	6. Ability to encourage critical thinking	87	Very good
D. Sutability to the stuens' leel of deelpment	7. Suitability to students' intellectual development	86	Very good
	8. Suitability to the level of emotional development of students	88	Very good
E. Conformity to rues	9. Grammatical correctness	86	Very good
F. Ue of terms	10. Consistency in use of terms	85	Very good

4.6 Material Expert AssessmentTeaching Materials Assisted by YouCut Mediafor Language Aspects

The validation results of the learning media developed were in the "very good" criteria with a total average percentage of 85.2%. Media expert validation data can be seen in table 5 below.

Table 6. Expert Assessment Scores for Design of Teaching Materials Assisted by YouCut Media.

Indicator	Average (%)	Criteria
1. Effective and efficient learning media	84	Very good
2. *Reliable*(some or all of the learning media can be reused)	85	Very good
3. *Maintainable*(can be maintained/managed easily)	85	Very good
4. *Usability*(easy to use and simple in operation)	86	Very good
5. Accuracy in selecting the type of application/software/tool/for developers	84	Very good
6. Compatibility	86	Very good
7. Easy program packaging	85	Very good
8. Completeness of learning media	87	Very good
9. *Reusable*	85	Very good

Some suggestions from media expert validators are as follows:

1. Complete the program in teaching materials assisted by YouCut media

2. The media included in YouCut media-assisted teaching materials must be more interesting.

5 Conclusion

Conclusions from the research on the development of teaching materials assisted by YouCut media in the Indonesian Language and Literature Education Study Program for Syntax learning, namely 1) The high level of need for students and lecturers for teaching materials

assisted by YouCut media in the Indonesian Language and Literature Education Study Program FBS Unimed, 2) Development plan YouCut media-assisted teaching materials consist of 7 research procedures, namely needs analysis, resource identification, product specification identification, product development, validation, product testing, and product. The results of the material expert validation for the content aspect are very well qualified (85.3%), the results of the material expert validation for the presentation aspect are in the very good qualification (85.5%), the results of the material expert validation for the linguistic aspect are in the very good qualification category (85).

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