



The Implementation of Wavepad Application to Improve Listening Students

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ABSTRACT

This article describes the important role of learning media with its influence on students' special maharah skills. Learning media is very necessary in this technological era. So educators must be able to keep up with technological developments. Educators are expected to be proficient in keeping up with technological developments. In improving the Arabic language, students are also supported by technology. It can be said that researchers in this case utilize wavepad audio learning media to increase students' special gifts. In this study, researchers used qualitative analysis methods. The method used by this researcher describes how to increase students' special gifts through wavepad learning media. Learning with wavepad media aims to convey the message content of a material, stimulate the sharpness of students' understanding and strengthen the vocabulary mastered by students. And through this learning role, educators can guide students to master the maharah istima' material properly and correctly.

Keywords: *Learning Media, Listening, Wavepad*

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INTRODUCTION

It can be seen that language is an intermediary or tool used by someone in communicating (Ritonga dkk., 2020). The important thing to establish interaction between each other is the presence of language. Language as part of this way of acquiring knowledge has long been debated regarding the secularization of knowledge. Science is growing in global education (American Diabetes Association, 2020). The stronger the flow of globalization and the advancement of science and technology have a special effect on the globalization of education. Schools in Indonesia have done a lot

of globalization on the school's internal education system in recent years (Lei dkk., 2020). In this case, it can be seen from the implementation of foreign languages such as English and Mandarin as compulsory subjects at Bilingual School. Even from various levels of education, be it high school to university level, both public and private, they have started to open international class programs (YiĞiT & Işık, 2020). The development of science in the world of education has resulted in the emergence of various advanced technologies (Szczepek Reed dkk., 2020). Thus, it is not foreign for us to take advantage of technology in an effort to improve the teaching and learning process. In some conditions that are full of limitations to obtain education, technology is present as a savior (Zhang dkk., 2019). For example, the limitations on online learning due to Covid-19 so far. As a result, educators use technology as a medium for effective teaching and learning processes for students.

Learning media plays an important role in supporting the quality of the learning process so that it can generate students' learning motivation. One of them is the use of the Wavepad application in increasing students' special gifts at MAN 05 Padang Hijau (Brosh, 2019). This audio learning media is useful so that students are able to understand and identify the meaning of words and also help students learn about the pronunciation of Arabic and other foreign languages correctly and fluently (Dahou dkk., 2019). Arabic can be understood by mastering speaking skills and being able to understand well the language that is heard (Althagafi dkk., 2021). Maharah al-istima' learning in the teaching and learning process aims to improve skills or proficiency in understanding words or sentences conveyed by speakers or through learning media (Ting dkk., 2019). With this, students can understand what they hear then are able to describe and explain back to others correctly and precisely and are able to distinguish sounds in Arabic correctly (Z. Li dkk., 2019). Students will easily feel bored so that students are not active in listening if educators do not use varied methods in the Arabic learning process (Ardoin & Bowers, 2020). In addition, it is unfortunate that students only rely on blackboards, books and the teacher himself as a medium for learning, even though the school has a language laboratory, LCD, projector, computer etc (Abdi dkk., 2019). Which should be able to function when learning Arabic (Fithriyani, 2018).

The application of Arabic learning media is very important in the teaching and learning process, because Arabic has many difficulties which require high understanding (Levine dkk., 2020). In addition, learning media makes Arabic learning effective, unfortunately there are still many educators who have not been able to use learning media in the midst of this modern technology era. This is possible in the provision of media technology requires considerable cost and time (Jatmiko dkk., 2024). However, teachers can take advantage of whatever they use to study the media without spending a lot of time (Bruggeman dkk., 2021). The learning process has five very important elements including objectives, materials, methods, media and learning evaluation (Botero dkk., 2021). These five aspects are interrelated (Chengaiyan dkk., 2020). The choice of one teaching method also affects the motivation, conditions and learning environment (Züst dkk., 2019). The use of media in the learning process can

motivate and stimulate learning activities, as well as provide a psychological impact for students.

In almost all aspects of life, education plays an important role in the life of the family, nation, state and religion (Rashwan, 2023). The level of education of a nation is influenced by the progress of a nation itself. The importance of the Arabic language paved the way for educational institutions to provide Arabic language teaching to students (Hwangbo dkk., 2019). It is undeniable that countries that have reached the peak of their glory are solely influenced by the rapid education in a country (Sümer dkk., 2020). Education is also understood from the religious point of view as the main axis of development (Tlili dkk., 2022). Each student is different in terms of intellectual abilities, physical abilities, family backgrounds, habits and different learning approaches, which can be very noticeable among students. Educators need to always know their students and understand their psychosocial behavior. always know their students and understand their psychosocial behavior (Aubrey dkk., 2022). This is so that when students experience a problem in the learning process, educators can provide the right solution according to the child's psychology (Kersey & Emberson, 2017). With various problems faced by students (Giordano dkk., 2019). Understanding is a deeper skill, so educators must be able to understand their students. Understanding means understanding with the ability to feel what other people feel (Nurani dkk., 2018).

School as a place of acquiring knowledge is one form of formal education that is very effective in achieving educational goals. Schools are places where the learning process takes place, and teachers share knowledge, skills, and skills that they often encounter that make the learning process ineffective (Ferjan Ramírez dkk., 2020). A common problem is that students are bored with the subject. Likewise with Arabic. The lack of interest and enthusiasm of students in learning Arabic should be the main priority of teaching in several madrasas that need serious attention to find a solution. As happened in other educational forum institutions, at MAN 05 Padang Hijau it was the same (Pinquart & Ebeling, 2020). Some students face the problem of lack of interest in learning Arabic subjects, they feel that Arabic lessons are a different world language that is not needed in daily life, does not include international languages (Ribeiro dkk., 2021), and it is difficult to speak Arabic, some of the students feel less interested in learning Arabic because of the lack of mufrodat so it is hoped that they can take Arabic classes well (Antony-Newman, 2019). Educators are the most important people to guide students at school. Educational activities are the main activities of the educational program (C. Li dkk., 2019). This means that the success or failure of achieving educational goals depends on how students perceive the learning process as students. When teachers do their best to motivate students to learn as the teacher's responsibility, good and satisfying results can be achieved (Poria dkk., 2018). Learning and the factors that influence it, the lack of efforts and efforts of teachers to raise the spirit of teaching, so that they are less interested in learning (Alnahdi, 2019). Motivation is considered important for learning efforts and learning itself in terms of function and value or benefits (Zhu dkk., 2019). Motivation drives, influences, and changes behavior.

Motivation not only acts as a driver but also as a direct action director to achieve the desired goal.

The problem that is often faced is the lack of interest and attention of students, especially in learning Arabic at MAN O5 Padang Hijau (Serevina & Hamidah, 2022). The important role of educators in creating the latest innovations so that learning can be carried out properly is to improve teaching competence and quality or essence during (Paico Campos dkk., 2023). By utilizing wavepad media, it is hoped that it can increase students' interest in learning Arabic at MAN 05 Padang Hijau (Rosowsky, 2019). The number of students who experience obstacles in the teaching and learning process of Arabic is the problem of the difficulty of adding Arabic vocabulary. This may happen because students are lazy to read and hear vocabulary (Angreini dkk., 2020). In school, Arabic is one of the subjects that causes quite a lot of problems. Madrasah Aliyah is one of the Islamic secondary education levels in Indonesia (Yoon dkk., 2020). Arabic is taught in schools as one of the subjects supporting the assimilation of Islamic textbooks (Ghani dkk., 2019). As stated by Mustofa and Hamid that to easily understand Arabic, students must have a lot of vocabulary mastery because as is known, language is inseparable from the name vocabulary (Toivonen dkk., 2019). To master the vocabulary itself, one of them is through the sense of hearing which can then be listened to and repeated. For this reason, researchers are interested in conducting research on istima' maharah learning in students through wavepad audio learning media (Sharif Matthews & López, 2019). Wavepad application is an audio editing software on sound processing programs for sound processing programs that allows one to create and edit music, sounds, and other audio recordings (Abdrakhmanova dkk., 2021). This application is useful for adding to students' vocabulary through the resulting listening.

RESEARCH METHODOLOGY

The research method used is a descriptive method with a qualitative approach. Qualitative research is a research method on a natural object or natural, the aim is to get an accurate picture of the facts and characteristics of the research subject (Karlsson dkk., 2020). Then to increase the accuracy of the data obtained through direct observation of the learning process in the classroom and through interviews (Abbas dkk., 2021). This research was conducted at MAN 05 Padang Hijau (Deiri, 2023). This research is expected to be able to describe in connection with the problems being discussed regarding the use of learning media, namely wavepad against listening. In this study (Chekroud dkk., 2021), the researcher will explain in detail how they use the procedures and research methods to collect data related to this article (Amin & Badreddine, 2020). Furthermore, for the steps that can be done in this research, namely collecting all the data that has been researched in the Madrasah then explaining all the menus contained in the wavepad application and explaining how to use the wavepad application in learning listening 'students at MAN 05 Padang Hijau.

RESULT AND DISCUSSION

Listening Learning Media

Media comes from the Latin medium, which means intermediary or introduction. Broadly speaking, the media is to summarize in it humans, materials, events that build conditions so that students are able to acquire knowledge, skills or attitudes. In this case, teachers, teaching books and the school environment are called media. The teaching and learning process will be more effective with the media. Media is not only an educational tool, but also an integral part of the education and learning process. Activities in the teaching and learning process are systems that include objectives, learning content, learning activities, humans, learning resources or media and the environment (Saada & Gross, 2019). Learning media has a purpose in helping educators to convey learning material to their students so that it is easier to understand and understand. Learning media can also motivate students in learning. Media in Arabic is *wasa'il*, which is an intermediary or introductory message from the sender to the recipient of the message. That is, the media is a forum for distributing knowledge in education. From Abdul Alim in the *Al-Fusha Arabic Language Education Journal*, the media said that media is a medium for explaining learning materials (Sunzuphy, n.d.). The definition of learning media can be concluded as follows.

- a. Media is everything that is used to provide information between two parties.
- b. The media help facilitate the process of information transfer.
- c. Media can be living things as well as inanimate objects.

Arabic is an international language and the language that is widely used and studied by Indonesian people. Learning media in Arabic language skills is one of them is Listening (listening) learning media. When listening to someone, students are not required to understand the meaning of what they hear. However, *istima'* means the ability of a student to be able to understand and digest the words or sentences that are heard. For this reason, it is not enough to just rely on educators in teaching listening to students. So here it is necessary to play an effective and efficient learning media. Through audio learning media such as radio, CD, Tape Recorder, drama, language games, etc. Can make it easier for students to understand *mufrodat* (Yusantika dkk., 2018). In Arabic and other foreign languages, the role of vocabulary is very important. This is because with vocabulary we can string together word by word so that it forms beautiful sentences that are pleasant to hear and can be understood by others. The more *mufrodat* we can master, the easier it is for us to master the language. For this reason, students are required to be able to master as much vocabulary or *mufrodat* as possible and then be able to recite and write down what is said. It takes practice and practice regularly to be fluent in the language. Without practice, language is just the language of books and will not be fluent (Adittia, 2017). In this day and age where all technology is easily available, everything is made easier with technology. If they do not understand what the teacher teaches at school, students can repeat the material through YouTube or other media. Likewise with this language, students can master it self-taught through various learning media.

In this study, researchers used the Wavepad learning media in the learning process. Wavepad application means a professional audio sound processing application for windows. This wavepad learning media is used for recording, analyzing and editing, namely cutting, copying, and including recording parts (Martinez dkk., 2020). This software is very useful for learning, especially in special learning because this software can be a tool that can make it easier for students to achieve an effective and efficient learning process. Actually there are many other learning media besides wavepad. However, this time the researcher wants to use this application to increase students' special gifts. This wavepad application is easy to use by teachers, both advanced and beginners. This application is one of the many other audio media used to train students' hearing in vocabulary. Vocabulary is the basis for being able to speak a foreign language (Ouyang dkk., 2017). If someone wants to be proficient in a foreign language, the main thing that is needed is to enrich the vocabulary. Structure or grammar is also important to learn and master. However, it is the wealth of mufrodat that becomes the main role. This is due to several reasons:

1. The capital needed to master all skills

By deepening the mufrodat, the first thing is that you can automatically master other skills such as reading, listening, speaking, and writing. A person will not be able to understand a sentence contained in a book if he does not or does not understand it. Often considered trivial, but remembering and memorizing mufrodat really help deepen foreign language skills.

2. Like babies who are just learning to speak, of course they record vocabulary from their surroundings

In a foreign language, one can learn from how babies are just learning to talk. They acquire vocabularies every day which can then master the language from a collection of vocabularies that have been recorded.

3. Mastery of vocabulary will increase self-confidence

In people's eyes, mastering a foreign language is a great thing. If we have a lot of vocabulary then the higher the confidence to be able to speak a foreign language. You will be more confident to practice directly so that you will be able to master a foreign language faster.

4. It becomes easier to do activities that involve foreign languages

Being able to speak a foreign language is very useful in various language-related activities, for example listening to music, watching movies, etc. It will be easier if you master many mufrodat. Someone will enjoy watching movies more and it will be easier to sing a song in a foreign language that is mastered.

5. Gradually, grammar will be mastered by itself

In learning a language, of course, it cannot be separated from grammar or sentence structure. Learning grammar can be said to be quite difficult but this is a level of language learning even though it is quite boring. However, if someone wants to learn a foreign language by trying to master the mufrodat first, then sooner or later they will master the grammar.

In Arabic the vocabulary is called mufrodāt, are all words that are expressed in Arabic. Vocabulary or vocabulary is the first thing that affects how a person speaks and supports language skills. From that vocabulary, it is arranged into a sentence that can be used to communicate (Ubdaidillah, 2020). Arabic is one of the other foreign languages that is widely used by other countries, especially in Middle Eastern countries including Indonesia. For some Indonesians, maybe many who want to learn and even master Arabic, one of the reasons is because Indonesia is dominated by Muslims and Arabic is the language of the Qur'an and Hadith. By mastering Arabic, it is easier for us to understand the content or meaning of the Qur'an and Hadith. This is important because the source of Islamic teachings is the Koran and Arabic hadith (Nuryana, 2019). Indeed, to learn Arabic is not as easy as spoken and not as easy as when we learn the language of our country, namely Indonesian. There are so many problems found by someone who wants to learn Arabic, be it linguistic in the form of sounds, mufrodāt, writing systems and also non-linguistics which concerns socio-cultural or socio-cultural. In teaching foreign languages, especially Arabic, it is different from other languages. This is because the Arabic language in its learning prioritizes the four maharāh (Lubis & Saputra, 2019). Maharāh itself is a basic skill that must be acquired and learned first by someone who wants to learn a foreign language. Maharāh that must be mastered is listening or listening skill, maharāh kalam or speaking skill, maharāh kitābah or writing skill and maharāh qiro'ah is reading skill. These four skills are inseparable and interrelated with each other. It can be said that someone will be proficient in Arabic if he has mastered the four maharāhs. Although the grammar is like nahwu and sharf, if someone has mastered the mufrodāt and the four skills, the nahwu and sharf sciences will follow automatically. But that doesn't mean we don't master science and nahwu, we try to learn foreign languages from the basics. Because this will make it easier to get to the stage of knowledge of Arabic grammar itself (Asri dkk., 2019).

As it is known that listening 'is the skill or ability to hear the sound of language, this is what will establish good communication between the mutakallim (speaker) and mustami' (listener). Listening 'is one of the most important of the four skills that must be mastered. A person if he is proficient in listening 'then it can be said that his Arabic language is good and automatically he also has mastered the skills of writing, reading and speaking (Wilson dkk., 2019). In studying listening 'it takes continuous practice, both practicing with friends and listening through learning media. For example, one friend says one Arabic mufrodāt, then another friend listens and can repeat what he has heard. At MAN 05 Padang Hijau also applied listening '. Where at the time of learning students are asked to be able to listen carefully to what they hear from the teacher during learning. However, there are many students who are not really serious in learning this istima maharāh. This is influenced by several factors, namely:

1. Lack of innovation and variety

Teachers do not have innovation in the delivery of material, they just deliver the material. The delivery of the material is monotonous without any excitement in the teaching -learning process.

2. Less learning media

In schools, sometimes educators in learning do not use media so that students are bored to learn the material. Teachers only use books in learning. While in this special maharah skill, it is not enough to just use a book. There is a need for other media to support the learning process.

3. The teaching and learning process is centered on the teacher

4. Lack of student motivation in learning

5. Educators who use the lecture method

6. Less interesting learning strategies

7. Less practice after material explanation

8. Unconducive learning environment

The special maharah learning solution makes it interesting

1. There needs to be innovation and creativity of teachers during the learning process

2. Utilizing audio-visual learning media to attract students to be enthusiastic in learning special

3. There is direct interaction between teachers and students in special learning. This is to train the sharpness of students in listening

4. Creating an interesting and conducive learning atmosphere

5. Cultivate a sense of enthusiasm from the students themselves

6. Diligently practice the material that has been obtained

Herefore, the role of teachers who can innovate and be creative in utilizing learning media is needed. Especially in this age of technology where almost anything you want can be found. Likewise for this learning media. Educators can choose what kind of learning media is suitable and easy to use in the learning process. For this reason, in an effort to increase the istima 'maharah, the students at MAN 05 Padang Hijau utilize learning media. Where this learning media can be used easily by those who are already familiar with technology as well as newbies (Ismail, 2017). Listening at MAN 05 Padang Hijau has been implemented and there are already some students who can master it without any supporting media such as learning media, but the conditions are still low or normal. For this reason, in this modern era, there are many technologies that can be used. One of them is the wavepad application as an audio or sound learning medium. Not only sound but educators can change or edit the original sound or cut out annoying or unimportant sounds and must be discarded. Using learning media in the teaching and learning process can increase students' motivation and enthusiasm. The benefits of learning media are:

1. Facilitate student understanding with clear learning information

2. Creating more concrete learning materials

3. There is interest and enthusiasm in learning

4. As well as entertainment media

5. Learning materials can be simplified and easy to understand

6. Improving the quality of learning

7. Learning is more interesting
8. Shorter teaching and learning process time
9. The application of learning theory makes the teaching and learning process interactive
10. Study time can be more flexible anytime and anywhere

Utilization of the wavepad application in special maharah learning

This wavepad application is a sound editing application where this application has a voice recorder feature that can be changed. The sound used can come from files that are already available or sound recordings themselves. With this audio application, it can make it easier for educators and students during the teaching and learning process.

Every man-made technology has its own advantages and disadvantages. Likewise in this wavepad application, it also has advantages and disadvantages. Besides that, wavepad is known as an audio learning media where audio learning media is considered as a means of conveying messages or materials through sound or voice recorded by a voice recorder. In general, learning audio media has advantages and disadvantages, namely,

The advantages of learning audio media

1. Cheap price and more variety of programs than TV
2. Easy to move
3. Audio recording media can be used together and can be repeated or played at any time
4. Train students' hearing acuity so that students can imagine themselves such as writing, drawing etc.
5. Stimulate students' creativity

Weaknesses of learning audio media

1. The communication is one-way, it is difficult to talk about things that are difficult for listeners to understand
2. The frequent use of voice in verbal language, can only be understood by listeners who have good mastery of words and language
3. Learning audio media is suitable for someone who can think abstractly
4. Learning audio media and presenting material can produce words for listeners
5. Audio media that uses radio broadcast programs, are usually broadcast centrally and simultaneously so that it is difficult to control

Steps to Access Learning Audio Using the Wavepad Application to Improve Students Listening

1. First we have to know the logo of the wavepad application

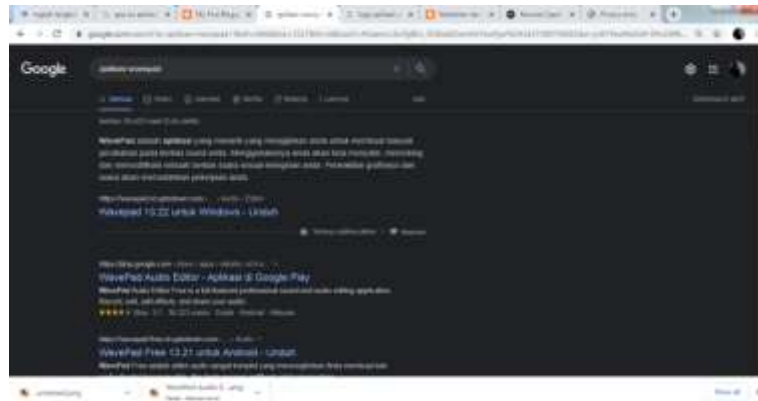
Figure 1. Wavepad Logo



This is the wavepad application logo that can be obtained via google which we will then download on the laptop.

2. Second, search for the wavepad application on google chrome by typing the wavepad application then click enter then select according to the state of the laptop (32 bit / 64 bit). This application can also be used for the android version but it is recommended to edit on a laptop. Then choose the top one or the one that adjusts then download it in a few moments

Figure 2. App Search on Google



3. Third, look for the downloaded wavepad application file in the file menu and then install it.
4. Then how to install the wavepad application is
 - a. Extract this wavepad file then run as administrator or double click on the mouse
 - b. Then select \"I accept the agreement then next
 - c. Wait for the install process
5. The wavepad application that has been installed can be used immediately

Figure 3. The initial View of the Wavepad Application



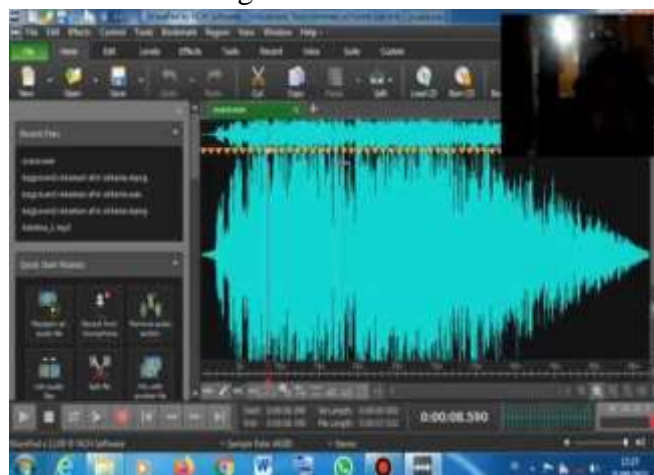
6. Then the introduction of tools or menus available on wavepad. The first is the record menu where this menu is the beginning of editing. We can use existing audio or record directly on the wavepad.

Figure 4. Introduction to the Record Menu



7. Cut menu, this menu serves to cut the desired sound.

Figure 5. Cut menu



8. Copy menu, used to copy the desired sound file

Figure 6. Menu Copy



9. Here are the complete steps for using the wavepad application
 - a. Open the wavepad application
 - b. Select the first song to be edited on the file menu
 - c. Select duplicate on the duplicate menu
 - d. Editing on duplicate layer
 - e. Take a certain part by hovering the cursor then click cut
 - f. Select mix with file on the edit menu
 - g. Mix the next song
 - h. Reply stage 5
 - i. Reply stage 6, 7 and 8
 - j. Select pitch change in the effects menu, set the pitch adjust as desired then click apply
 - k. If edit the audio as desired, then save the file on the save menu or CTRL + S then type the file name and place it in the desired place and easy to find
 - l. Click the Save menu

CONCLUSION

Sound is a longitudinal wave that propagates through a medium in the form of a liquid, solid, or gas. Sound is produced by the vibration of an object. Audio is an expression, and the original sound is converted into digital sound on the user's computer by recordings stored in various formats in digital code on the user's computer. Audio media used can help students become more interested in learning, guide them into the education and learning process, and help teachers achieve their learning goals with greater interest and enthusiasm. Audio learning media has special characteristics, namely the message conveyed in the form of an auditive symbol, is personal, can build and develop the imagination of students and the communication tends to be one-way. Among the many examples of audio media, one of them is the wavepad application, where this media has its own advantages and disadvantages. Efforts were made to improve students' listening skills, especially the use of audio learning media in learning

Arabic. Audio media is considered suitable for listening to students' attention with a good voice and prepared as much as possible.

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