



Developing a Listening Skill Teaching Material Based on The Camtasia Software

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Abstract. The purpose of this research is to know the development of teaching the skill of listening by means of Camtasia Software. The researcher followed the type of this research is Research and Development. The development model consists of definition, design and development stages. The data collection method used by the researcher is the interview observation, questionnaire and documents. The data was processed using a Skala Likert formula. It was analyzed using descriptive quantitative. The researcher concluded that the product developed by the researcher was the development of a material for teaching listening skills using the Camtasia software for the needs of the teacher and students for the eighth grade in secondary school. The product that the researcher developed was the development of a material for teaching listening skills using the Camtasia software for the eighth grade in high school, and based on the research that was conducted. Conducting it, it can be said that the material for teaching listening skills using the Camtasia software means that the product is very correct with a rate of 93%, the production process from the teacher is 70%, its criterion is “practical”, and the production process from the students is 81.36%, its criterion is “very practical”.

Keywords: Listening skill, Camtasia Software, Learning Instrument

1 Introduction

Educational materials are a very important thing in the education process and it is a factor that greatly affects the quality of education. With educational materials, the role of the teacher and students in the education process changes. Teachers are no longer the only main source in obtaining information about educational materials, as well as students who can be more flexible and flexible in obtaining information about educational materials, because educational materials can be obtained from different sources where the students are located, such as media and audio textbooks, visual and internet [1].

Educational materials as a means and source of information in education have a significant impact in adding and increasing the effectiveness of education [2]. Whether the material is useful in the education process or not depends on the teacher's ability to develop it and benefit from it, so the steps for developing a good and qualified

material must be mastered [3]. The world is increasingly global, characterized by various developments in the field of science and technology, and this certainly has a significant impact on human life, especially in the field of education [4].

The most important thing that someone does when he wants to master a language is listening. The researcher means that listening is one of the most important things, and listening is an easy process, but it has the greatest impact on understanding and assimilating the language. He emphasizes that listening plays an important role in the context of social interactions. Listening skill is a process in which the listener pays special attention and intentional attention to the sounds his ear receives and the listener tries to give them meaning [5]. A complex skill in which the person listening gives the speaker all his attention, focuses his attention on his speech, and tries to interpret his sounds, gestures, and all his movements and pauses [6]. From these concepts, the researcher deduces that hearing is easier than listening because it is a physiological process that is born with a person and depends on the integrity of the organ designated for it, which is the ear, and does not require understanding, while listening requires the use of the mind or attention to the source of the sound, and this listening aims at one thing, which is understanding, that is, understanding what is heard. Or understand speech. This is a basic goal in listening skill.

Listening is a process that involves listening to the sounds of language, identifying the meanings contained in them, interpreting them, and interacting with them. Listening skill is a person's ability to absorb or understand the words or sentences spoken by a particular interlocutor or media [7]. This ability can be achieved through regular practice of listening for variations in sounds, words or other items according to the correct letter output, either directly from the native speaker or through other means such as video recordings [8]. Listening has been defined as the ear's reception of sound vibrations while giving it special attention and working the mind to understand the meaning. Listening skill is not noticed yet and has not received proper facilities and infrastructure in language teaching[9]. There is still a shortage of educational materials, media and other means.

Listening skill is a person's ability to digest or understand a word or sentence expressed by a speech partner or a particular medium [10]. This ability can be achieved by performing repeated exercises to listen to the difference in sounds, word elements (phonemes) with other elements according to the correct vowel letter.[11] In essence, in education, the teacher must provide interesting educational materials to the students, that is, by providing good methods because they will help the teaching and learning process to become more diverse and not boring. Thus, the teacher provides educational materials for the listening skill using camtasia software [12].

The process of teaching the listening skill that occurs in schools, the teacher presents educational material only in the form of writing in the students' guide and in teaching only the teacher's voice is heard directly by the students in the teaching process without the use of media and audio-visual facilities so that the students are not motivated to learn less educational materials Attractiveness, inadequate school facilities and infrastructure.[13] Some pupils find it difficult to understand what they hear in Arabic language teaching taking place in the eighth grade of Secondary School.

Teaching methods are one of the educational factors and have been known by many education experts, including:

The development of scientific and technological progress today occurs very rapidly [14]. Camtasia is a program developed by TechSmith corporation. Camtasia itself is used to record all the activities on your computer desktop.[12] This software can be used to create multimedia based teaching and learning aids. Camtasia is a software that provides convenience in recording all the activities on the screen and for editing. The Camtasia application is used to create videos that present the learning process for students to easily understand [10].

Camtasia software is a program that has been developed and can be used to create Arabic teaching aids, especially listening skills. Camtasia can record on-screen audio, including desktop activities in power point. Introductory, audio narration and webcam. Camtasia software this makes it easy to present the material in audio-visual format [15].

In an attempt to assist students in learning, the teacher feels the need to use interesting and appropriate teaching materials and teaching aids. With appropriate materials and methods, in addition to facilitating the students' learning, the students will also feel happy learning using fun and interesting methods. So that students do not get bored quickly in learning activities [16]. The purposes of education are to become familiar with the sounds of speech (sentences, words, letters) and to classify different Arabic speech

Based on the results of the researcher's interview with one of the Arabic language teachers, it was found that the teacher does not use other means in providing educational materials for listening, but rather the teacher only uses textbooks. The teacher teaches Arabic only through reading and translation, which makes the students inactive in listening. In addition, they only use blackboards, teacher voices and textbooks as props, as well as inadequate facilities and infrastructure. After that, the researcher also conducted interviews with several eighth grade students. It became clear that in the education process the students lacked interest and enthusiasm in teaching the listening skill because in the education process there were no means so that the education process was less effective. Based on these problems, the researcher believes that it is very important to conduct research related to the above-mentioned problems. Therefore, to overcome these problems, the researcher wishes to develop educational materials in the Arabic language, especially in teaching the listening skill based on the Camtasia program. With the development of educational materials based on the method Camtasia software It is hoped that it will help the teacher and students in teaching listening skill and enhance students' enthusiasm for learning.

The development of teaching materials for listening skill based on the Camtasia medium provides convenience to users, as a countermeasure to the problems described above. The development of technology and information requires the teacher to use it to apply it in the teaching and learning process. The development of educational materials also allows alleviating the boredom of students in learning the material that has been provided and the benefits of the educational materials by the teacher and students.

2 Methods

This type of research is field research. Field research is observing and surveying how suitable conditions occur at a site. By conducting this field research, you can find out what educational materials and methods exist in the education process. The development method in this research is research and development (R&D)

Research and development approach is a methodology used to produce a specific product and test the effectiveness of the product [17]. This research development methodology aims to be able to produce products such as materials for teaching listening skills based on the Camtasia software For students, including the marking and practical testing process. The steps in this research are in the development model, as explained previously in the 4-D model. This model consists of four stages, which are define, design, development, and disseminate [18].

In this research, it contains activities to define the products to be developed, as well as their specifications. This stage is a needs analysis activity that is carried out through research and literature studies. Design, contains the activity of making designs for pre-selected products [19]. Development involves the activity of working on designs and repeatedly testing products until a product is produced that meets specified specifications. Deployment, contains the activity of publishing the tested products, so that they can be used by others.

The development phase in the 4-D model contains activities to realize the product design. In the previous stage, the prepared project is transformed into a product ready for implementation. The development collects supporting materials such as audio, images, etc. Then the teaching methods were developed using based on the Camtasia software. At this stage, the audio-visual method is obtained, which the researcher developed on the basis of the Camtasia software. for the listening skill in the eighth grade and a subject in the fourth to sixth chapters based on the preparation of teaching methods that are corrected by expertss, who are the subject expert, the media expert, and the language expert.

The data that the researcher uses in this research are of two types: qualitative data and quantitative data. In the book *Statistics for Research*, it states that qualitative data is data in the form of words or pictures. The data that will be obtained later in the form of value categories for the quality of educational media is based on an evaluation of the quality of educational media by three experts, namely the materials expert, the media expert, and the language expert.

Quantitative data is data in the form of numbers or qualitative data that is numbered. Quantitative data in the form of evaluation scores for each point of the evaluation criteria conducted by experts on the instrument quality evaluation sheet likert 4 = very true, 3 = true, 2 = less true, and 1 = not true. The data collection tools used in this scientific thesis are interview, observation, questionnaire, and document.

3 Results and Discussion

Analysis is useful for analyzing the level of validity of the developed product data. In this research, there is quantitative data. The stages are as follows:

3.1 Converts the value obtained from the questionnaire into a score. T

The values are converted to scores from the subject expert, the media expert, and the language expert. The researcher used data analysis to visualize the results of the health sheet and questionnaire with symbols or skala likert.

Table 1. Questionnaire Scores

Score	Clarification
1	Incorrect
2	Less true
3	True
4	Very true

Table 2. Scope of Percentas Questionnaire

Percentage (%)	Clarification
0-40	Incorrect
41-60	Less true
61- 80	True
81-100	Very true

3.2 Quantitative data obtained from the material expert and media expert questionnaires are calculated as the mean score with the following formula [18]:

$$P = \frac{\sum x}{\sum x_1} \times 100\%$$

P : Persentase yang dicari

$\sum x$: Jumlah skor jawaban responden secara keseluruhan

$\sum x_1$: Jumlah skor maksimal secara keseluruhan

100% : Konstanta⁴⁵


Through the above formula, the researcher facilitates the calculation of the average score of the results obtained from the subject expert, the media expert, and the language expert. So that the researcher can easily process the data and provide an analy-

sis of the products produced. With the considerations written in the column above, the results of the product will be seen, whether or not it can be used as a means of learning Arabic. If the results obtained after obtaining the final result are good and as expected, it can be concluded that the resulting product is worth publishing to help in smooth learning of the Arabic language in the future.

Needs analysis is carried out by observing the students and the teacher on the 8th grade in National Secondary School, and the observation is carried out to get an overview and conditions in the field. At the time of observation, the researcher observed the process of learning the listening skill at the eighth grade in the Islamic National Secondary School. From these observations, she found facts about the teaching and learning process carried out by the teacher in teaching the listening skill. Based on the results of the interviews conducted by the researcher with the teacher there on January 26, 2023 In National Secondary School, information was obtained that the teacher presents educational material only in the form of writing in the pupils' guide and in teaching only the teacher's voice is heard directly by the pupils in the teaching process without using media and audio-visual facilities so that the pupils are not stimulated. Education has less attractive educational materials, and inadequate school facilities and infrastructure. Some pupils find it difficult to understand what they hear in Arabic language teaching taking place in the eighth grade of Secondary School.

The resulting product is the development of a material for teaching listening skills based on the method Camtasia software For students of Tartak Talang Islamic National Secondary School. The evaluation results presented by the experts were 93% and their criterion was "very correct", and the school's production process was 70% and their criterion was "practical" and the students were 81.36% and their criterion was "very practical".

Table 3. Images development

Education indicators	Editorial
<p style="text-align: center;">INDIKATOR PEMBELAJARAN</p> <ol style="list-style-type: none"> 1. Menyimak bunyi ujaran kata, frase atau kalimat bahasa Arab terkait topik من الرياضة 2. Menirukan bunyi kata, frase atau kalimat bahasa Arab terkait topik من الرياضة 3. Melafalkan kosa kata informasi lisan sederhana tentang materi من الرياضة 4. Membedakan lafal bunyi huruf, kata frase atau kalimat bahasa Arab terkait topik من الرياضة 5. Menjelaskan isi teks yang didengar yang berkaitan dengan topik من الرياضة 6. Menuliskan kata/kalimat yang didengar dengan baik dan benar sesuai dengan topik من الرياضة 	

Look, listen and repeat vocabulary about sports! Listen carefully

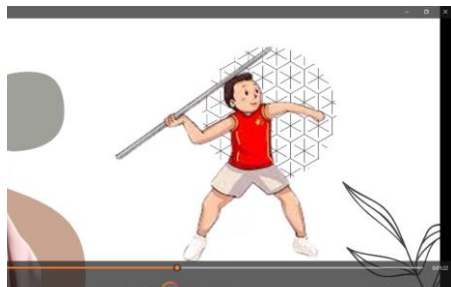
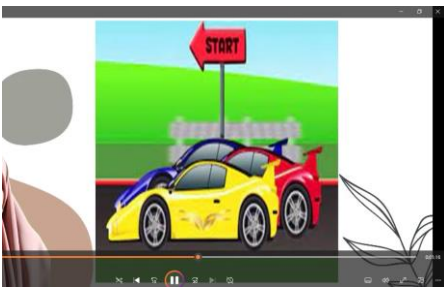
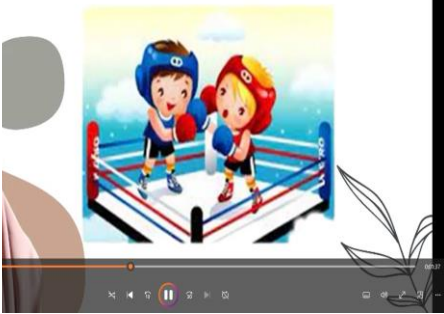
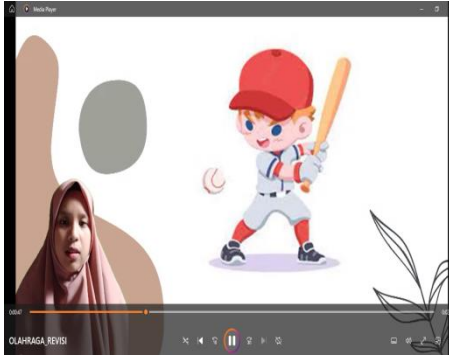




Fig. 1. Training Put a Correct Mark in The picture Box! Listen carefully



Fig. 2. Basketball



Fig. 3. Volleyball

Table 4. Result group of experts

Number	Component	Result
1	Subject expert	100%
2	Media expert	92%
3	Language expert	88%
Total		93%

4 Conclusion

Based on the results of the research, it can be concluded that the product developed by the researcher was the development of a material for teaching the listening skill using the Camtasia program. The needs of the teacher and students for the eighth grade in secondary school. The product that the researcher developed was the development of a material for teaching the listening skill using the Camtasia Software . For the eighth grade in secondary school, and based on the research that was conducted, it can be said that the subject teaches listening skills using a means Camtasia Software The product is very correct with a rate of 93%, The teacher’s production process is 70% “practical” and the students’ production process is 81.36% “very practical”.

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