



# *Moodle Cloud as the Developing Listening E-Learning Media in SMP Negeri 7 Medan*

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**Abstract:** *The aim of this study was to develop listening media for Grade VII of Junior High School Students. This study was conducted by using Research and Development (R&D) design through six stages; gathering information and data, analyzing data, designing materials, validating by experts, revising, and final product. The subject of the study was Grade VII of SMP Negeri 7 Medan. The data were gathered by conducting interview to English teacher and distributing questionnaire to 1 class grade VII consists of 30 person to get the students' needs. The interview and questionnaire results prove that the students needs English Listening Media which can motivate and encourage the students to speak actively in English. The product has been validated by experts. The result of the product was an E-learning media named Moodle Cloud and all the features which was categorized as an relevant media since the validation score of the media was 93.55%.*

**Keywords:** *moodle cloud, listening media, Research and Development (R&D)*

## I. Introduction

Many schools nowadays have already facilitated their school with internet connection and also computer laboratory. But this advancement is not utilized well, because they only used once in a week for a single classroom. More over the use of laboratory is only intended to specific subject related to computer operation. This advancement actually must be utilized maximally in every subject to support the learning process.

In teaching language especially for listening skill at school, teachers keep finding problem related to master English listening skill. The students' feeling to get bored and not interested in learning because of the monotonemethod from the teacher becomes a real problem in education system nowadays. Moreover the material and the using media do not facilitate and support to the student's needs and interests. For this matters, the teacher should find a good media which help them to encourage them to learn English especially in listening.

Comparing between the traditional learning and e-learning in several school, students in traditional learning tend to be uninterested with the subject because there is no interesting thing in learning process rather than students who are facilitated with e-learning media. Some various media and activities become an effective way in teaching listening skill. An interesting and efficient learning media can motivate and encourage them to listen in English. Including lesson on an interesting media is also important to make them enjoy the teaching and learning processes. One of e-learning media that can provide the facility to fulfill the needs in learning process is Moodle cloud. One of the school that observed by the researcher is SMPN 7 Medan. Based on the observation, the English learning process does not use computer laboratory as the supportive features to help students in learning English.

This research was held in SMPN 7 Medan. The reason why the researcher chose this school was because the media that was used by the teacher was still not effective and interesting enough for students to learn or develop their listening skill. Handbook and worksheets(LKS) were the only media and material that teachers used to teach the students to encourage and develop their listening skill. Based on

the preliminary observation and the data were collected by the researcher, the research took the class of grade VII of SMP Negeri 7 Medan and in odd semester.

## **II. Review of Literature**

### **2.1 The Nature of Listening**

Listening is an essential skill for people who learn language. It is the very first skill that should be managed by people who learn language. As mentioned in Nunan (2003) "Listening is an active, purposeful process of making sense of what we hear." It shows that listening plays a significant role in people lives. In verbal communication, listening is an important skill for those who learn language especially English. According to Rost (2002) effective listening involves a conscious shift in intention while listening. Commonly effective listening becomes the foundation of strong relationships with others, home, social, education, and in the workplace. According to Chastain (1971) stated that the goal of listening comprehension is to comprehend the language at normal speed in an automatic condition. One of distinguishing actors that affect the language learning is determining the difficulty levels of tasks. According to Robinson (2001) a number of factors that interact with each other so they are considered as key variables in the design of the listening tasks.

### **2.2 Descriptive Text**

According to Gerot and Wignell (1995) define descriptive text as a kind of text which is aimed to describe a particular person, place or things. Every genre text has a specific characteristic to show the social function. The social function of descriptive text is to describe a particular characteristic of a person, place or thing which leads the reader's mind to form them. Dirgeyasa (2016: 58) explained the generic structure and elements of descriptive writing, as follows: Identification, description.

### **2.3 Media**

Media is the plural form of medium, which represents to describe the communication. Bakri (2011) states that media is plural form of medium, which derives from Latin word *medius* that has meaning "middle". Kamaludin (2009) states that media is facilities, resources or tools used by people to produce message or information. Media is a facilities that should be utilized maximally due to develop the student's motivation in learning. Learning media generally defined as all tools that has a function to help the teacher to deliver learning material to the students in order to achieve the learning goal. It is confirmed by Daryanto (2010) that teaching media is all physical tools which can deliver message and stimulate students to learn. As it is classified by Mahajan (2012) that there are 7 kinds of media which have the main characteristics on the following principal subjects: sound, visual and motion. The classifications are; (a) graphic media; (b) display media; (c) three dimensional media; (d) projected media; (e) audio media; (f) video media; and (g) activity media.

### **2.4 Moodle Cloud**

In the last decade, the teaching of EFL listening in Indonesia has been closely connected to the concept of e-learning which is emphasized to help the teachers in developing and utilizing the advancement of technology. Moodle cloud is one of the e-learning platform which can be used as the variation tools in learning process. Cole and Foster (2008) defined Moodle as the abbreviation of Modular Object-Oriented Dynamic Learning Environment which means the place for the learning process may be dynamic which using the model oriented with object. Modular Object-Oriented Dynamic Learning Environment (Moodle) is a learning platform designed in such a way that we can create VLEs. Moodle Cloud is a cloud based E-Learning platform for creating learning communities around educational subjects and activities. Cole and Foster (2007) also defined Moodle as a verb that contains a process and acts like a game that can be fun and intended to add the creativity and knowledge.

### **III. Research Method**

This research was conducted by using developmental research. The Research and Development (R&D) design raised by Borg and Gall aimed to develop and validate products of education such as curriculum, syllabus, lesson plan, textbooks, media, modules, assessment, instruments, etc. Stated by Borg and Gall (2003:569) that the research findings was used to develop new products and procedures. This research was conducted in SMP Negeri 7 Medan which was located in Jln. H. Adamalik Medan. The subject of this study was one class of grade VII students of SMP Negeri 7 Medan. In collecting the data, researcher conducted the research using two instruments, the first was using questionnaires and the second was using interview. The data which was used in this study were: Questionnaire and Interview. To seek the information about the problem that the students and teacher face, this interview was given to the teacher and some students. It was intended to know what was the appropriate media that should be applied to solve the problem. Some students were given the questionnaires provided in five options by which students had to choose one of them to obtain the data about the developing of Moodle Cloud in learning listening. In collecting the data, the researcher collected the data by using qualitative and quantitative approach. The qualitative data were collected from the questionnaires which were obtained from the students and interview provided to the teacher and some students, while the quantitative data were collected from the questionnaires in number and percentage form. In the data analysis, these two forms were the references that being used. From the questionnaire and interview were given to some students and teacher, contributed the data. The data that were collected and analyzed were important in developing listening skill because it could evaluate and assess what the student's needs in listening. Two data analyses divided the data, the qualitative analysis and the quantitative analysis. In form of percentage the questionnaires contributed to the quantitative data. This research was adapted from Borg and Gall's research and development theory (2003:569), with some modifications which became 6 steps of R & D cycle. This Moodle cloud was an effective media that help the students in grade VII students of SMPN 7 Medan to improve and develop their listening skill since it was designed for the students' needs. The more detail was shown as follows: Gathering Data and Information, Data Analysis, Media Design, Validating to Experts, Revising, Final Product.

### **IV. Discussion**

There were six steps which was needed to be completed in order to develop listening media. They were such as (1) gathering data and information; (2) need analysis; (3) media design; (4) validating to experts; (5) revising; and (6) final product. Before this research was done, the data and information were collected based on the preliminary observation. Based on the observation, the teacher in seventh grade of SMP Negeri 7 Medan used only book which was provided by the government that was entitled "When English Rings a Bell" and a video or sound recording as supportive media to provide the listening competence. However, the students were still lack of ability in mastering listening skill. Since the teacher had not implemented a way in improving the students' motivation itself. Then, the teacher also tended to use traditional learning that made the situation teaching and learning process to be bored. Therefore, the students needed a fresh way such as a media in increasing the students' motivation.

Since comparing between the traditional learning and e-learning in several schools, students in traditional learning tend to be uninterested with the subject because there is no interesting thing in learning process rather than students who are facilitated with e-learning media. Some various media and activities become an effective way in teaching listening skill. An interesting and efficient learning media can motivate and encourage them to listen in English. Including lesson on an interesting media is also important to make them enjoy the teaching and learning processes.

The 30 students in seventh grade of SMP Negeri 7 Medan were given the questionnaire. The questionnaire provided 12 questions that given to the students. The needs analysis was divided into two major needs: target needs and learning needs. The necessities, lacks and wants of the learners were covered in target needs, while the learning input, teacher's role, students' role and the learning setting were covered in learning needs.

Based on the data obtained, it knew that the students demand to have a better media which is innovative, interesting and attractive media that can motivate them to learn, listen and communicate. Therefore, the study developed Moodle Cloud as a media. The score of validation from the first validator was 91,4% and from the second validator was 95,7% and it was categorized as relevant to fulfill the students' need in improving listening ability of the students. Overall, the score of media validation was 93.55%.

The aim of this study was to find out the students' need in order to develop the appropriate media for the seventh grade students of SMP Negeri 7 Medan. The developed media was appropriate and related to the students' interest based on their needs analysis. Since the problem faced in teaching listening skill was the lack of students' ability in understanding meaning. When the students were also asked to learn more about English, they were not interested because the teaching method made them to feel bored. Therefore, the students needed a fresh way to increase their motivation in learning English especially in mastering listening skill.

One of the way to improve the students' learning motivation could be analyzing their needs based on their interest. It was intended to develop their ability and skill in learning English, especially listening skill. The findings of this study showed that the students need more motivation to learn English subject and an attractive media could motivate them. Therefore media is an effective solution to fulfill the students' needs. Comparing between the traditional learning and e-learning in several school, students in traditional learning tend to be uninterested with the subject because there is no interesting thing in learning process rather than students who are facilitated with e-learning media. Some various media and activities become an effective way in teaching listening skill. An interesting and efficient learning media can motivate and encourage them to listen in English. Including lesson on an interesting media is also important to make them enjoy the teaching and learning processes.

In addition, even though the language proficiency in determining the listening skills might be affected by many factors, the media especially listening media also played an important role. The result of this study suggested teacher to use an attractive, innovative, and interesting media based on the students' needs, wants, and interests.

Therefore, the researcher had developed an interactive media namely Moodle Cloud. Moodle Cloud is a cloud based E-Learning platform for creating learning communities around educational subjects and activities. Cole and Foster (2007) also defined Moodle as a verb that contains a process and acts like a game that can be fun and intended to add the creativity and knowledge. Then, based on the result of validation, the validation score from the first validator was 91,4% and from the second validator was 95,7% and it was categorized as relevant.

Based on data above, it was known that Moodle Cloud is a relevant media in improving listening ability of the students. Since the media can increase the students learning motivation which can solve the students' problem in mastering that skill.

## V. Conclusion

According to the data analysis, the researcher conclude a conclusion that students in SMP Negeri 7 medan is not interested in the existing listening media. The reason is the media that is used by the teacher is not attractive and monotone. Moreover, it is not effective enough to stimulate and encourage students to active participating in listening learning process. The students may find a reality that it is difficult to listen a foreign language without the appropriate or authentic sound which eventually brings them to be passive in learning process. They demand to have a better media in order to support the learning process. In addition, they want to have an innovative, interesting and attractive media that can motivate them to learn, listen and communicate. Developing the new interesting and appropriate listening media may be a solution for them. This new product of listening media was based on the students' needs and make students more interest and active in learning. This condition also may ease the students to learn and listen the audio through Moodle Cloud. Cole and Foster (2007) defined Moodle as a verb that contains a process and acts like a game that can be fun and intended to add the creativity and knowledge. E-learning Moodle cloud follows the R & D phases raised by Borg and Gall (2003) simplified into, (1) Gathering Data and Information; (2) Need Analysis; (3) Design Media; (4) Validate by expert; (5) Revision; (6) Final Product. Based on the result of the study, E-learning media named Moodle Cloud and all the features were categorized as a relevant media since the validation score of the media was 93.55% . The score of validation was obtained from the experts. The first validator was 91,4% and the second validator was 95,7% . Therefore, the media was an appropriate media in improving listening ability of the students. Since comparing between the traditional learning and e-learning in several schools, students in traditional learning tend to be uninterested with the subject because there is no interesting thing in learning process rather than students who are facilitated with e-learning media. Some various media and activities become an effective way in teaching listening skill. An interesting and efficient learning media can motivate and encourage them to listen in English. Including lesson on an interesting media is also important to make them enjoy the teaching and learning processes.

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