CHAPTER II

REVIEW OF RELATED LITERATURE

This chapter provides some basic and prominent theories of the study, those are: Learning with Technology, Learning Management System, LMS in Higher Education, Schoology, Benefit of Schoology, Perception of the LMS.

2.1 Learning with Technology

The development of technology helps many people in the world such as in education. It makes easier for student to do something in their activity in school or outside. By using technology student can increase their motivation to study any knowledge in their courses. Learning with technology can help lecturer to deliver their material to student quickly (Jonassen, Howland, Marra, Hall, 2010). Learning with technology can support productive thinking and makes the students more become creative to do something with their activity in learning process. Technology is more than hardware; the design of technology can make learning environment for engage student to become active in learning process such as cognitive learning and critical thinking skill. In University of Muhammadiyah Malang, the use of technology has been applied by some lecturers in English Language Education Department, they can deliver their material as soon as possible and the students become easier to access the material. Through this technology student can be active to learn many knowledge’s in education fields.
2.2 Learning Management System (LMS)

Learning Management System (LMS) is an online learning that helps students to manage administration, tracking, reporting, and delivering courses, lessons and tests (Kulshrestha, Kant, 2013). An LMS can help students to make good communication with their lecturers when the student does not attend the class, with this application the learning process can become flexible and the lecturer can create a dynamic study for their students. LMS makes a learning more flexible, student can deliver their assignment via computer, tablet and smartphone, LMS can make a good interaction between lecturer and student than learning outcomes will be satisfy and more comfortable to do it.

2.2.1 LMS in Higher Education

Many higher education’s use LMS as a learning tool during the development of technology. When the lecturer takes an online course, an LMS is necessary to create a learning process. Bonk and Graham (2006) as a cited in Monsakul (2007) states that LMS also provides software application tools for students to do their assignment, and supporting interaction including discussion group, chat sessions, and online quizzes and examinations. LMS have the potential to increase the quantity and quality of communication in a variety of ways. First, lecturer can communicate and store course information, such as syllabus, assignment instructions, and instructional materials (Rubin et al, 2010, as cited in Schlager, 2016)
There are three aspects benefits LMS, they are:

1. **Improved Pedagogy**

   LMS is more effective pedagogical practices (Bonk & Graham, 2006, as cited in Monsakul, 2007). LMS increases the level of active learning strategies, and peer-to-peer learning strategies. In University of Muhammadiyah Malang, the use of LMS can help students to make an effective learning, improve their pedagogical practices, and increase their skills in technology.

2. **Increased Access and Flexibility**

   Since Access is one of reasons that influencing the growth of distributed learning environments, it makes learning possible when students do not attend the class, they can access LMS software to know the material that the lecturer gives in the class, it is the way to make learning more flexible and students can keep their knowledge in education even they cannot attend the class.

3. **Increased Cost-Effectiveness**

   LMS is one of solutions in cost effectiveness in higher education. since LMS provides a tool to make learning easier and it is an opportunity for influence a market globally.

2.3 **Schoology**

   Schoology is part of Learning Management System (LMS) that is used by students and lecturers in higher education. Luaran (2012) says that Schoology is an online learning session, classroom management, and social networking platform that improve learning become interesting. Through Schoology application, teaching
learning can be more powerful and create a dynamic learning process. Some lecturers in University of Muhammadiyah Malang have used this application, since Schoology is a software application that student can download in internet and it is free, and Schoology also support the lecturer to deliver their material anywhere.

Schoology is an online tool to help students manage their classroom more effectively, engage student in media-rich lessons, and get a communicate instantly. Moreover, this application tool helps student to maximize the potential of their time. It keeps student organized, and improve pedagogical learning. It makes simple to produce and distribute academic content. Schoology gives opportunity to have collaboration of traditional class and online class.

2.3.1 Benefit of Schoology

There are many benefits which students and lecturer can take from this software application. First, Schoology supports online education becomes more effective in the class and outside. Second, Schoology can become a good communication between lecturer and students. Moreover, Schoology has a power to make a collaborative learning in this era. Greenwich Public Schools in Connecticut, USA has decided to implement Schoology recently. According to Dunn (as cited in Sicat, 2015) the Director of Technology and Digital Learning of the said institution, the new system will support communications among teachers, students, and administrators; store digital assignments and assessments so they can be easily used in classroom when teaching; enable teachers to set up
groups to share best practices and allow students to submit homework online and get feedback from their teachers (Sicat, 2015).

Schoology gives a new platform to student and lecturer for learning outcomes. Schoology is quite similar with the social networking nowadays such as Facebook and Twitter, but have different functions. Facebook and Twitter are for people to say hello with their friend and share their activity with photos or videos, while Schoology has a function to share their documents and make a group discussion it can become an online school. There will be an assignment, notes, and examination. The design of Schoology is similar to that of Facebook in which conversations take place, messages are sent, statuses are updated and information and other media are shared within a classroom network (Sicat, 2015).

Schoology consists of two main contexts: interactive communication and academic information exchange. The lecturer can create discussions questions, collaborative groups, or boards for assignments that allow for dynamic interaction between students and their lecturer. The second aspect that Schoology has utilized is the ability to deliver academic information to students. Within Schoology students are able to access their grades, attendance list, and teacher feedback on electronically-submitted assignments. Access to this information increase communication between lecturer and students and holds students become more responsible for their academic assignments (Sicat, 2015). Overall, the design of Schoology encourages students to be more active and creative in
and out the classroom. Instead of depending on in the old methods of teaching and learning, incorporating learning in this digital may help the students to be more involved in their studies.

2.4 Perception about the Use of LMS

A study by Hussien (2011) has shown that the use of learning management systems improves the overall teaching learning process, as well as improving students’ attitudes and motivation. Furthermore according to Srichanyachon (2012) students agree that the Internet is useful for receiving news and communicating with people. They seem to understand that the Internet can make English learning more convenient, but they do not totally agree that it has been accepted as a learning tool. They also think that LMS is a useful device that can support their English learning in many ways, but they still resist that traditional face-to-face instruction is more useful.

When the researcher find that the perception above, it can conclude that LMS could as a help teaching and learning in educational process since it could help them to made learning easier.

2.5 Evaluasi Pembelajaran

Evaluasi Pembelajaran is a subject that is given to the at fourth semester students of English Language Education Department University of Muhammadiyah Malang. The purpose of this subject is to give knowledge to the students how to give assessment in teaching. At the end of the course, it is expected that student can create a design of assessment in teaching.
Evaluasi Pembelajaran is a subject that only in Faculty Teacher and Training Education at University of Muhammadiyah Malang. Thus, when the students become a teacher in their school, they can design the assessment for their student in the future. In Evaluasi Pembelajaran subject the student learn kind of test such as multiple choice, fill in the blank and other.