CHAPTER II
REVIEW OF RELATED LITERATURE

Chapter II presents the review of related literature which covers: E-Learning with subchapter of Google Class and FLSP Class.

2.1 E-Learning

The development of information technology has also made a growing variety of innovative devices using IT as a support for human life. E-learning is also one of the results of the development of technology and information. In this section we will explain the definition, function, and type of e-learning, especially google classroom.

2.1.1 Definition of E-Learning

According E-Learning NC (2019), e-Learning is learning utilizing electronic technologies to access educational curriculum outside of the traditional classroom. E-Learning can be accessed online through the internet only by using computerized devices, such as computer, laptop, tablet and even smart phones. Other terms of eLearning is Online Learning, internet learning, distance learning Network learning, Virtual learning.

Learning from ranging distance is one of the benefits of using E-Learning. According to Rosenberg (2001: 28), e-Learning is one use of internet technology in delivering learning in a wide range based on three criteria, namely:

1) E-Learning is a network with the ability to update, store, distribute and share teaching material or information.
2) Delivery reaches the last user via computer using standard internet technology.
3) Focus on the broadest view about learning behind the traditional learning paradigm.

There are many apps which offering the same theme, to help teachers supplement their classroom lessons similarly with Google Classroom such as Edmodo, Kelase, Canvas and et cetera. However, this study focuses on using Google Classroom as a tool of e-Learning with the reasons:

1) Massive Benefits

Google classroom is a packaged included in Google corporation, a giant search engine which massively used by people all over the world. Hence, by using Google Classroom,
people can access Gmail, Google Drive, Google Calendar and other apps. It is benefitting the data management of students and lecturers.

2) Free Service
Google Classroom is a free service for teachers and students and, like other Google products, takes only a few minutes to set up.

3) Collaboration
Google Classroom is that it’s simple to use and encourages collaboration between students and teachers. Teachers can create a class and list assignments in a few clicks. They can add students by name or send them a code to join. Students then can see what assignments are due, participate in discussion forums or message the teacher (either in private or via group chat).

4) Commonly used in UMM community
Google classroom is one of the apps that commonly used in UMM Community. It is widely known throughout the campus as one of the apps produced by Google, the most famous search engine in the world.

Since the huge benefits has offered by e-learning and its massive usage in Indonesia, the government has allowed its usage. They also published a rule related to the use of e-learning in Government Regulation No. 34302 / A5.1 / LK / 2012 issued by the Ministry of Education and Culture.

2.1.2 The Function of E-Learning
Siahaan (2003) stated that there are at least three electronic learning functions for classroom learning activities.

1) Supplement
The function of E-Learning as a supplement is as if students have the freedom to choose whether to use electronic learning material or not. In this case there is no obligation for students to access electronic learning material. Even though it is optional, students who use it will certainly have additional knowledge or insight.

2) Complement
E-Learning is said to function as a complement if material in Electronic learning is programmed to complement the learning material received by students in the classroom. E-Learning as a complement means that electronic learning material is programmed to supplement the enrichment (pengayaan) or remedial material.

E-Learning is said to be enrichment if students are given the opportunity to access electronic learning materials that are specifically developed for them. The aim is to strengthen the level of mastery of student material that has been accepted in class.

E-Learning can be said as a remedial program if students who have difficulty understanding the subject matter at face-to-face are given the opportunity to utilize electronic learning material that is specifically designed for them. The goal is that students will more easily understand the subject matter presented in class.

3) Substitution

E-Learning can be said as substitution if e-Learning is carried out as a substitute for learning activities, for example by using a model of learning activities. There are three models of learning activities that can be chosen, namely:

- Fully face to face (conventional)
- Some face-to-face and some through the internet, and
- Completely through the internet.

E-Learning is indeed not a method that is only used in the world of education. Its use extends to other fields too. Today, more and more parties are utilizing eLearning as a means for training and education due to several considerations. Considerations for using eLearning at this time, are as follows:

- Increased capability of computer equipment in processing data faster and increasing data storage capacity.
- The price of computer devices is increasingly affordable (no longer treated as a luxury item).
- Make it easier to search or search information through the internet. Shorten distance and facilitate communication.

2.2 Google Classroom
Google classroom is a truly made application (app) reflecting the education in mind. This app is designated like Facebook style wall platform for children who join classes accessed through their devices. In Google classroom, they can access and set their projects as well as do learning interaction with their friends and teachers.

Google classroom offers new ways of learning. Besides bring logical and organizational changes to modern societies, it also bring innovative teaching approaches (JTRS Econom, 2019). A teacher could offer their students the opportunity of debating an issue with children all over the world. This same idea could open the classroom door to professionals in their work places or lecturers in their universities. On the other hand, students who don’t feel comfortable on presenting their ideas in front of class can utilize this platform to share their ideas by posting comments.

According to Alim (2015), there are several benefits on using Google Classroom:

1) Fast and Convenient Setting Process
The process of setting up a Google Classroom is very fast and convenient when compared to having to install a local LMS or register with an LMS provider. The teacher just needs to access the Google Classroom application and can start sharing assignments and teaching materials. The teacher can do this by adding a list of students or sharing unique codes that allow access to classes on the Google Classroom. Google Classroom is simpler and easier to use, making it ideal for teachers even with varying levels of eLearning experience.

2) Time Efficient and Paperless
Students no longer have to download the assignments given by the teacher. The teacher only creates and distributes documents to their students online. Teachers can also rank, provide feedback for all tasks and make judgments using the Google Classroom application. So, there is the potential to save most of the time for both students and teachers. Everything is done in a paperless manner, so there is no time wasted on distributing physical documents and students can complete their tasks online, making it easier for them to meet deadlines given and learning online can be adjusted to their daily schedule.

3) Improving cooperation and communication skill
One of the most important benefits of using Google Classroom is that it is possible to do efficient online collaboration. Teachers can send notifications to their students to start online discussions or tell them about certain online learning activities. On the other hand, students
have the opportunity to provide feedback to their colleagues by posting directly to the flow of discussion at the Google Classroom. Thus, if they need help because of their difficulty in understanding a task or want to learn more about a particular topic, they can get direct input from their virtual classmates. Basically, Google Classroom enhances the aspect of social learning online education, which allows students to benefit from the experiences and skills of their peers.

4) Centralized data storage

With the Google Classroom, everything is in one centralized location. Learners can see all their tasks in a particular folder, the teacher can save eLearning materials and activities for the school year in the cloud and all ratings/values can be seen in the application. No need to worry about missing documents or missing assessments, because it's all stored in this free LMS.

5) Share resources quickly

Online facilitators/teachers and trainers have the power to share information and resources online with their students directly. Instead of having to update eLearning courses or send individual emails to each student, they just have to access the Google Classroom application and distribute links to online resources and additional eLearning material that can benefit their students. This provides an opportunity for students to get timely updates related to current lessons, so that they can better understand the material and access multimedia equipment that can enhance their eLearning experience.

2.3 Effectivity of Google Classroom

Hakim (2016) said that a non-complicated installation process of google classroom makes this platform easier in violation teaching and learning activities. After an administrator has setup a Google account equipped with Google Apps for Education for a school, teachers and students can use Google Classroom with their respective Google email accounts. In practice 8 out of 10 students are more comfortable using LMS-based learning than conventional ones. Siradz (2015) also disclosed that in two weeks of use google classroom, he has delivered four tasks for each class with the effectiveness of achieving material that is twice as dense as not using the Google Classroom.

A study conducted by Nadziroh (2017) about Effectivity Analysis of E-Learning said google classroom is one of the e-learning platform that has massively utilized by students. E-
learning effectively improves the learning process. However, the connection stability and a training in using this platform are a challenge and becomes a need in order to implement this platform in Indonesia. It happens since the connection is not fairly stable in every single part of this country and teachers and students are still do not know how to operate the e-learning platform, yet.

2.4 FLSP Class

FLSP refers to the English program designed by LC (Language Center) and compulsory for both freshmen and transferred students of UMM based on the Rector Letter of Reference (LC UMM, 2018). FLSP is an abbreviation of Foreign Language for Specific Purposes. Previously, FLSP is best known as ESP or English for Specific Purposes. This course is run as a strategy to strengthen the foreign language capability of UMM students in order to compete globally (Tanjug, 2019).

FLSP is taught twice, in first and second semester respectively. This subject must be taken by students since it has already been included in the curriculum of UMM based on the Rector Letter of Reference Number: E.2.d/588/UMM/VIII/1999 issued on August 3, 1999. The curriculum consists of Reading I, Speaking I and Listening in the first semester. While, in semester, the curriculum consists of Reading II, Speaking II and Writing. Each of the subjects has 2 credits, so every semester, students must complete total of 6 credits.

In order to pass this class, students must have a minimum GPA of 2.00 or equal to Grade C. Grade D or E is automatically stated as failed to complete the program and they have to do remedial. Students who pass the FLSP program will get the FLSP certificate and Transcript equal to English Diploma. They also deserve to join FLSP graduation ceremony.

There are several rules in taking this class for students, one of them is stated that for students who cannot take FLSP classes, they must write letter of permission to the Director of LC 2 weeks prior to the commencement of ESP courses. Students who do not follow the provisions no longer deserve FLSP program and have to pay the fee regulated by UMM (LC UMM, 2019).