

## CHAPTER II

### REVIEW OF RELATED LITERATURE

In this section, the researcher discusses some theories which are relevant to this research. The theories related with the perception of students in using Edmodo as assessment tools. The implication of using Edmodo is use student background.

#### 2.1. Perception

According to Pickens (2005), “perception is closely related to attitudes (p.52). on the other hand, Lindsay and Norman (1977) state that perception is the process by which organism interprets and organizes sensation to produce a meaningful experience of the world (as cited in Pickens, 2005,p.52).. So, perception could be shown because the ability of feeling and the ability of thinking. . Then, students’ perception on use Edmodo will give their attitude and interest in learning using Edmodo.

In addition, according to Walgito (2003:87) perception is the process of human thinking about certain phenomenon. Perception is started from the sense of organ. This process is related to the acceptance of message or information by human brain. In this process, a person interact with his/her environment using five senses. Those are vision, hearing, taste, smell, and touch. Furthermore, Koentjaningrat (2010:42) explained that perception is the relialization of human brain process and it appears as a view about phenomenon. In this process, many factors such as feeling, needs, motivation, educational background, experiences,

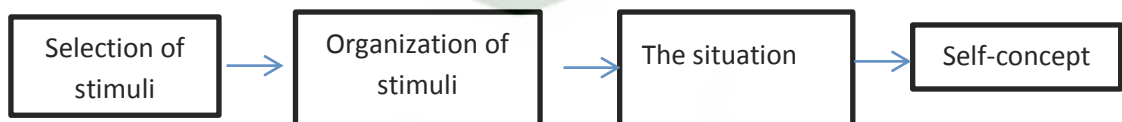
etc are involved. From the explained about term of perception, the researcher take the conclusion that perception is a process of human thinking and feeling about something. So, perception also like argument about something that someone feel and conveyed to someone.

### 2.1.1 Process of Perception

In relation with the process of perception, Hodgetts et al. (1985, p.85). state that the way people see things depends on how the available information is organized. Because of that managing information is the availability of each individual, because every people has a different perception. Then, he stated that is the way stimuli are selected and grouped by a person so that they can be meaningfully interpreted. In other words, the environment can be understood by the process of perception of people.

Therefore, according to Hodgetts et al. (1985, p.86) the process of the perception is called perceptual process.

Figure 2.1 The Perceptual Process



#### a. Selection of Stimuli

The first factor is selection of stimuli, in this process people only focus on the small number. They need to select them so that they can receive it well. Actually, people have different limit of levels at different times.

b. Organization Stimuli

After information has undergone the screening process that is selected, it should be arranged to be meaningful. Then, helps people to categorize sensory input. The central function of it is to reduce initially complex information into simple categories. This categorization occurs not only with object but also with people.

c. The Situation

A person has expectation about a situation, as well as their past experience, affects what that person perceives.

d. Self- Concept

The way people feel about and perceive themselves is known as self-concept. This self-concept is important because the mental picture of every person determines much of what they perceive and do.

### 2.1.2 Types of students perception

Positive perception is a personal judgment about certain object positively or as expected about certain object negatively, not as expected about certain object. Further, (Robbins, 2002:14) said that positive perception comes from the individual satisfaction about certain object that becomes his/her source perception, the individual knowledge, and the individual experience of the object perceived. Then, negative perception comes from the individual dissatisfaction about certain object that becomes her/his source perception, the individual ignorant, and the lack of experience of the object perceived.

### 2.1.3. Assessment is tool of educational technology

Every student have to improve their ability in education. Based on Herringto and Curtis,2003 : assessment is help to identify where children are in terms of their writing development. Assessment is a popular and sometimes misunderstood term in current educational practice. Assessment, on the other hand is an ongoing process that encompasses a much wider domain. Whenever a student responds to a question, offers a comment, or tries out a new word or structure. Moreover, in other source mentioned that in education, the term assessment refers to the wide variety of methods or tools that educators use to evaluate, measure, and document the academic readiness, learning progress, skill acquisition, or educational needs of students. The purpose of an assessment generally drives the way it is designed, and there are many ways in which assessment can be used.

While educational assessments and tests have been around since the days of the one-room schoolhouse, they have increasingly assumed a central in efforts to improve the effectiveness of public schools and teaching. Standardized-test scores, for example, are arguably the dominant measure of educational achievement in the United States, and they are also the most commonly reported indicator of school, teacher, and school-system performance. Furthermore, as schools become increasingly equipped with computers, tablets, and wireless internet access, a growing proportion of the assessment now administered in schools are either computer based or online assessment-though paper based test and assessments are still common and widely used in schools. New technologies



and software applications are also changing the nature and use of assessment in innumerable ways, given that digital-assessment system typically offer an array of features that traditional paper based tests and assignments cannot. For example, online assessment systems may allow students to log in and take assessments during out-of-class time or they may make performance results available to students and teachers immediately after an assessment has been completed.

In addition, digital and online assessments typically include features, or “analytics,” that give educators more detailed information about student performance. So, assessment aims to measure and knowing the extent of students achievement and then assessment can doing through online, it will be very helpful. For example, teachers may be able to see how long it took students to answer particular questions or how many times a student failed to answer a question correctly before getting the right answer. Then, assessment is one of tools that can help students and teacher to know and to measure the extent of its development in learning. In addition, by assessing teachers can take appropriate action for each student’s progress in learning.

Lumsdaine (1964) suggest the most useful to distinguish the meaning of education technology in the following manner (as cited in Davies,1971, p.5):

a. Hardware Approach

Educational technology is essentially a hardware approach, stressing the importance of teaching aids, and its origin lies in the application of physical science to the education and training system. Then, the aim of educational

technology as a hardware approach is to increase the impact of teaching without increasing the students' cost (Davies,1971, p.6).

b. Software Approach

Software approach refers to application of learning principle to direct and intentionally shaping of behavior. This view of educational technology closely associated with the modern principles of learning program, and is characterized by text analysis writing precise objective selection of appreciate learning strategy reinforcement of correct responses, and constant evaluation. It means software approach is learning aids like program. Both of them are obviously related to each other.

**2.1.4 Edmodo**

One of the appropriate websites used in a teaching learning environment is Edmodo. According to Cauley (2012), "Edmodo is an educational website that takes the ideas of a social network and refines them and makes it appropriate for a classroom. Using Edmodo, students and teachers can reach out to one another and connect by sharing ideas, problems, and helpful tips. Edmodo also called as the "facebook for education". In a recent survey posted in centre for learning & performance Technologies, Edmodo was ranked as one of the top learning tools in the internet by five hundred plus professionals from 48 countries worldwide.



Figure 2.2 Edmodo account

Edmodo is a private social network that is claimed to provide a secure learning platform for learners and educator. Although Edmodo is a Facebook-like tool, it has not yet prevalent for educational usage.

Moreover, According to Hourdequin (2014), Edmodo is a simple M-learning tool using to present the lesson contents, it is common to all operation systems of smartphones; it provides useful tools for students and teachers to interact online outside class anywhere, anytime. The goal of Edmodo is to help educators harness the power of social media to allow easy customization of the classroom. Edmodo is used by approximately 32 million people including teachers, educators and students around the world in various field of subjects and learners' grades. The main objective of Edmodo network is about teaching and

learning amongst students and teachers. Besides, sharing ideas in teaching methodology, materials as well as collaboration is also encouraged for network members.

Then Unlike other social media community, Edmodo generally focuses on helping teachers and educators along with learning to manage their own strategies in working online regarding the tasks. Most teachers find Edmodo useful and challenging for outside classroom activities to help students learned regardless of space and time constraint. Moreover, different versions of Edmodo application are also available to be downloaded for small gadgets smart phone, tablet and other hand devices. In conclusion, Edmodo is one of technological developments that help in the world of education, for example, facilitate teachers in providing learning, quizzes, tasks and provide assessment directly through online wherever and whenever

#### **2.1.4.1 . The implementation of Edmodo (as assessment tool)**

Edmodo is a free of charge social learning platform which provides learners with access to course content presented by teachers. It helps students interact with each other and teachers through instant messages, thus enabling learners to cooperate and collaborate in virtual classroom environment. Teachers can easily assign students and set a deadline for homework. It is a secure platform since students can only login with the special code provided by teachers. Parents can also monitor students' progress and check their homework with another special code created only for them.



Furthermore, Edmodo provides teachers with various assessment facilities in language classes. Teachers can employ both formative and summative assessment techniques through online exams. Some specific grammar structures, vocabulary, reading, listening and writing skills can be assessed by means of easily-created quizzes. Duration of each quiz can be set and results can be sent to each student by just clicking a button.

Edmodo has exceptional tools for classroom assessment. Highlights :

- 1) Teachers can create quizzes with a built-in and rather sophisticated wizard system.
- 2) The quiz builder includes the usual objective question type like multiple choice, true/false, etc. As well as short answer and fill-in-the-blank
- 3) Except for the short answer questions, quizzes are automatically scored and graded
- 4) Students can be permitted to immediately see quiz results/grades
- 5) Edmodo's built-in gradebook system will track and permanently record all quiz results for students
- 6) Edmodo quizzes can be used for pre and post test of student knowledge-they can also be used for getting some quick formative data at the end of a lesson
- 7) Edmodo quizzes used to test for student knowledge can be taken by students anytime even as homework!

#### **2.1.4.2. Edmodo Tools and Feature**

Edmodo provides some tools and features

- 1) Teachers and students can collaborate in a secure, closed environment- no private information exposed, and students must be invited by teachers to join
- 2) A message board allows secure and open communication that can be monitored and controlled by the teacher
- 3) Teachers can post assignments and assessment that are automatically graded
- 4) A built-in survey tool can be used to check for understanding (no clickers required)
- 5) Teachers and other school personnel can create professional groups, subject area communities, and other networks to extend professional development.
- 6) Edmodo is great for: project based learning! Writing projects! Critiques! Guided! Discussion! Book clubs! Extracurricular! Language practice! Grammar practice! Event planning! Team teaching! Homebound students! Tutor connection! Post assignments from home if absent, etc.

#### **2.1.4.3. Advantages and Disadvantages**

##### **a. Advantages and disadvantages of Edmodo**

There are some advantages and disadvantages of edmodo

##### **1. Advantages**

- a) Easy to use
- b) Cost= free
- c) It is a very secure, closed network

- d) Teachers can create connections with other students from different schools, states, or cultures
- e) Provides a multitude of community resources and connections teachers can make with other teachers
- f) Teachers can differentiate instruction by creating subgroups of students
- g) Students can upload homework assignments, take quizzes, polls and receive grades and feedback and suggestions from teachers
- h) Parents can be involved by viewing their child's work and grades, and keep in touch with teachers
- i) Provides a method for sharing documents and digital media online
- j) Great tool for use with mobile devices and for mobile learning
- k) The tool works with all browser types

## 2. Disadvantages

- a) Text messaging is not an available feature
- b) The interface( the look and feel) is more geared towards students and educators versus business. Therefore, it may not boost a universal appeal.
- c) If a student does not have access to computer and the internet, or a mobile device they would not be able to use the tool.
- d) There is no face-to-face interaction which can lead to feelings of isolation.
- e) Lag time in feedback response from peers and/or teachers.

#### 2.1.4.4. News and Report Writing

News report is report a document that presents information in an organized format for a specific audience and purpose. According to Sharma and Mohan define a technical report as “ a written statement of the facts of a situation, project, process or test. Then, the meaning of news itself is provide through many different media: word of mouth, printing, postal systems, broadcasting, electronic communication, and also on the testimony of observer and witnesses to events. It is also used as a platform to manufacture opinion for the population. And the definition of report is defined as a collection of information about something or rumors or gossip that is being spread

So, News reporting involves discovering all relevant facts, selecting and presenting the important facts and weaving a comprehensive story. Reporting involves stamina and patience, because, in news report writing or journalist there is a reporter. As a reporter needs not only energy to spend long hours chasing a story, collecting facts from various sources in an effort to dig up the truth, reporter needs must have the will to pursue the course of his investigation to the very end in order to produce a really comprehensive story without any missing links or unanswered questions.

The main function of journalistic profession is news reporting. Writing for publication in a newspaper, often reporting current events and then report writing is an essential skill in many disciplines. Master it now at university and writing reports in the workplace will be easier. A report aims to inform and sometimes to



persuade. They should be written as clearly and succinctly as possible, with evidence about a topic, problem or situation. In addition, news reports are about something that is happening now or that just recently happened. Current issues, events, crimes, and investigations are good subjects for news report. So, news and report writing written aims to present various news that happens around us with clear information and written with the structure already described.

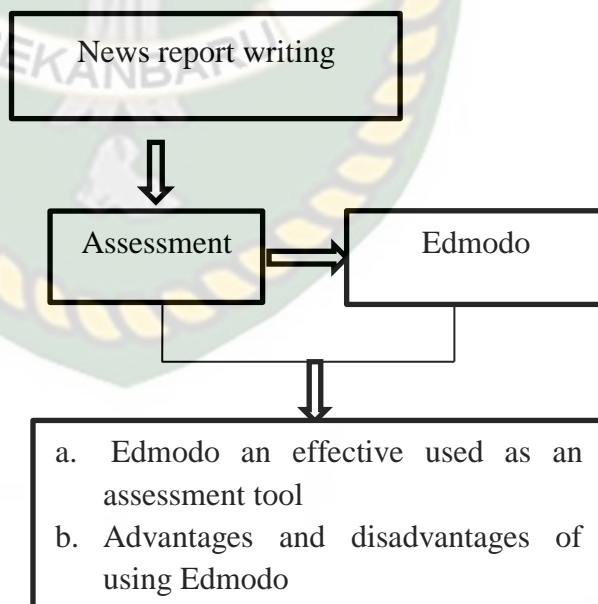
## **2.2. Relevance Studies**

There are several studies relevant to this research, such as research from Emrah Ekmekci (2016) about Integrating Edmodo into Foreign Language Classes as an Assessment Tool. From the results of Emrah's research can be conclude that the current study introduces Edmodo as an alternative assessment tool to traditional pen and paper assessment techniques. Being a free of charge learning platform, Edmodo can provide all subject teachers in general and language teachers in particular with various assessment facilities. The overall aim of the study is to indicate that Edmodo can be used as an effective assessment techniques as well as a learning platform through which teachers can share course materials, notes, link and document.

Moreover, the research from Mark Angelo S.Enriquez (2014) in his research, Students' Perceptions on the Effectiveness of the Use of Edmodo as a Supplementary Tool for Learning also stated that the highest percentage points given by the participant (81%) is the fact that Edmodo is convenient to use in submitting assignments, taking online quizzes,etc.

Other supporting research is the research from Salubsri Charoenwer and Ami Christensen (2016) show the results Edmodo was used as learning tool to engage grade 6 students in a writing class to improve students' achievement. It is found that students who participated in Edmodo initially scored higher and it also showed positive effect of Edmodo not only on students' achievement but also on learning engagement and students' behavior. Based on relevance research above, the researcher wan to research about students' perception on the use of edmodo as an assessment tool in news report writing class at the fourth semester student's of english department islamic university of riau."

### 2.3. Theoritical Framework



In news report writing, teachers need to do the assessment to can measure how much a student improves in their learning process. As we know that technology in Modern era has resulted in various changes, one of which is the development of Media Information. In fact, if we look at some sources about the benefits of technology we will find effectiveness in using technology in teaching and learning process. It can conclude that today's technology is very helpful in the education process and we can use it.

in this era, there are various kinds of technology, one of them is Edmodo. Edmodo has been widely used in conducting assessment and working on online quizzes. Edmodo provides teachers with various assessment facilities in language classes. Teachers can employ both formative and summative assessment techniques through online exams. Furthermore, researcher want to know the effectiveness, advantages and disadvantages used Edmodo as an assessment tool. Based on this conceptual framework , the researcher will conduct research about students' perception on use Edmodo as an assessment in news report writing class. Instrument used in this research is a questionnaire and interview who can know the opinions of respondents about using Edmodo. Through this research the researchers hope to be useful for all circles.

#### **2.4. Assumption**

The researcher assumes there are significance result of teaching news and report writing and there are effectiveness of using Edmodo in assessment, the researcher also assume that many teachers used Edmodo as an assessment tools.



Dokumen ini adalah Arsip Milik :

**Perpustakaan Universitas Islam Riau**