DIGITAL LEARNING MATERIAL IN TEACHING ISLAMIC STUDIES

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Abstract

This research deal with Digital Learning Material in Teaching Islamic Studies. In teaching learning process, the lecturer used copied and printed teaching material. The materials made the students unmotivated to learn law subject especially in syari'a faculty. To answer this problem, it is needed to develop learning materials based on Computer Aided Instruction. This research deals with digital learning materials in teaching Islamic Studies for law students. The material was used in teaching learning process in the law class. The objective of this research is to know how digital learning material designed for law students. This research used Research and Development methodology (R&D). The location of this research was in UIN North Sumatera at Syari'a and law faculty. The result of this research was application of digital learning materials in teaching learning Islamic Studies. The digital learning materials for law students was designed by using SOM. It is expected utilize the advantages of digital learning material to develop practicable teaching strategies for the teaching effectiveness especially in teaching Human Right in Islamic Perspective for law students.

Keywords: *Digital Learning Material, Islamic Studies*

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A. Introduction

Learning can be defined as a process that leads to change, which occurs as a result of experience and increases the potential for improved performance and future learning (Ambrose, 2010). The change in the learners may happen at the level of knowledge, attitude or behavior. As a result of learning, learners come to see concepts, ideas, and/or the world differently. Learning is not something done to students, but something students themselves do. It is the direct result of how students interpret and respond to their experiences.

Islam gives such great importance point to knowledge and education. When the Qur'an began to be revealed, the first word of its first verse was *Iqra'. Iqra'* which means "read". So, education is the starting point of every human development, especially in learning Islamic Studies. Having the Islamic Syllabus, students will be able to learn about the basic foundations of Islam formally such as Fiqh, Qur'an, Hadith, Tauhid, Arabic language, History of Islam and our Prophet(S) and the holy Aimmah. The formal Islamic education will keep the values and basics of Islam ingrained into the life of human. Islamic Studies allows the right knowledge of Islam to be taught by the students from basic school to university.

However, learning Islamic Studies just weighs 2 credits but whatever the major, the students must take it. In UIN North Sumatera Medan, teaching Islamic Studies are taught for all majors by using traditional method such as speech. The material is written by the lecturer on the whiteboard and printed materials. Based on this situation, written materials given by the lecturer on the whiteboard is as one of factors influencing low students' achievement. The text books have not been provided by the lecturer. This result makes low students' ability to understand the subject.

Teaching learning in the classroom develops from time to time. The use of computers as an educational tool has continued to grow rapidly as a new way to teach. Nowdays many lecturers use CIA (*Computer Computer Assisted Instruction*) as teaching media. One of the most obvious advantages is the ability of CAI to bring together several

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media. Presentations and activities can be designed that involve the student activity in a multimedia experience. When one adds the second obvious advantage, momentary feedback, the combination gives a unique teaching learning process. According to Herman D. Sujono was taken by Idris (2008), CAI (*Computer Aided Instruction*) shows all education softwares which are accessed by the computer or gadged which the students can intract with it.

Digital learning material is accompanied by technology or by instructional practice that makes effective use of technology. Many teaching materials can be accessed by CIA such as computer and gadget. Digital learning material is a solution to lecturer in transfering knowledge easily to the students or other lecturers. Based on this reasons, it is needed to develop digital teaching learning material which will be designed by using SOM *(Screen O Matic)* application for teaching Islamic Studies. The aims are to design digital learning material for Islamic students, to give students confortable in teaching learning process and also to make students easy in learning Islamic Studies without knowing time and distance. It means that they can study the subject wherever they are. So by using this application, the students can study in any places.

SOM is an *Java* application. It is used to make *screencasts* on *sistem operasi Windows, Mac,* and *Linux.* It is a digital recording of computer screen output. SOM gives free *software* which is used to users to record all performances on the screen. Not only can screencasts be used to introduce new content, but they can also be used to facilitate and guide learning. Educators can differentiate the content by creating multiple screencasts on the same topic. To reach learners of different abilities, a teacher can facilitate learning by recording different screencasts that meet the needs of the students.

Based on the facts, the quality of learning Islamic Studies for law students is still low, so it is necessary to solve these problems. One alternative solution is to develop digital Islamic Studies learning materials using the SOM application. This research only designs digital teaching materials in Islamic Studies learning with the topic of Human Right in Islam for the law students. The purpose of this study is to produce

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learning material that can provide knowledge and increase the value and motivation of students' learning, especially law students at UIN North Sumatera.

B. Method

The method used in this research is qualitative research. It is used Research and Development Approach with Miles dan Huberman model, it has 4 steps namely data collection, data display, data reduction, and conclusion (drawing/ verifying). The data used were observation, Interview and Documentation (the syllabus, Lecturer's SAP and handbook).

C. Research Finding

The Based on the observation, it can be concluded that the system need is student (user) wants to learn *Human Right in Islam* flexibly, because they felt that learning Islamic Studies by using books is not simple. Designing Islamic learning material is by intalling SOM to PCs. After installing, the software can be used directly. SOM allows the user to record all of the actions as well as audio commentary and save the recording for sharing or future playback. The application can be seen below.

Figure 1 Official website of *Screen O Matic*

Having the application of SOM, the users need to connect themselves with suffice data intenet. But when the application has been installed to the users' personal computer, they can use this software for designing

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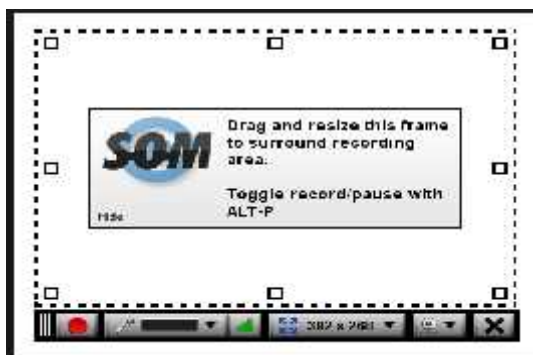learning material when the inernet connecting off.the SOM application can be shown below.

Figure 2 SOM (*Screen O Matic*) Application

Based on Figure 1 SOM application is easy to use. We can drag it and put it in front of learning material designed next record the lecturer's voice to explain the learning material so the students can play and repeat the subject many times. Digital learning material also can printed if the user wants to obtain hardcopy material.

In designing learning material for Human Right subject, it was designed based on the syllabus of Islamic Studies in University especually in Syari'a and law faculty. Learning material for Islamic Studies designed by using SOM *(Screencast O Matic)* consist of Human Right definition, purpose and the implemetation in human life which make classroom interaction more interesting. The user (student) can access the material as shown in the figure below.
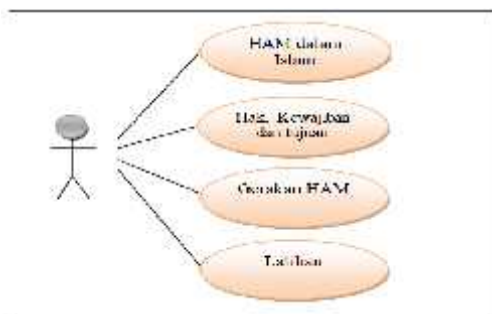

Figure 3 *Use Case diagram* Digital Learning Material

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Based on Figure 3 above it can be explained that the user who plays an active role in digital learning material is the user (student), where user can access the definition of Human Right in Islam, right, obligation and goal, HAM movement and exercises.

D. Discussion

The main form view is an interface display that is used as a display that connects the appearance of one with the other. In this view there is a menu in which consists of opening from the subject. When the user pushes the play button, the digital learning material will count down and the display can be shown in figure 3 below.

Figure 4 Main Form

The form of *contents* is to show the *contents* of teaching learning *Islamic education* for Human Right subject. It consists of Human righta definition, right, obligation and goals. They can be accessed by the user and the display can be seen below

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Figure 5 *Contents* Form of Human Right

The next *Form of Contents* shows the material in teaching *Islamic Studies* especially for law students by explaining the human right movement and the display can be shown below.

Figure 6 *Contents* Form of Human Right Movement

Developing digital Islamic Studies learning materials help the law students to learn Human right in Islam, because this material is easy to operate and can be accessed by using their laptops, or all gadgets. The students can learn it wherever they are. They can play, listen and repeat the learning material as seen in the figure below.

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Figure 7 Learning Human
Right in Islamic Perspective Using Digital Material

The teaching learning process in law class was interesting. The students used their laptop and gadgets to access the human right materials. When they didn't understand with one topic, they could replay again the material. they look interested and had good motivation in learning Islamic Studies.

E. Conclusion

Based on the results and discussion which have been done, the writer can conclude that the application of Islamic Studies learning material can facilitate students to understand in the process of learning Islamic Studies, especially Human Right in Islam subject. The application of Islamic education learning materials designed by using SOM (*Screencast O Matic*) application. This application can be accessed easily on Personal Computers and gadgets

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