

DEVELOPING OF LEARNING MEDIA BASED ON WEB IN SENDRATASIK DEPARTMENT FBS UNIMED

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Abstract: Learning media is one of the learning tools that must be owned by lecturers because the learning media is very helpful for lecturers to give materials and make it easier for students to receive lecture materials. Nowadays, the number of media using is lack in the Sendratasik Department. This is seen in the lesson plan made by lecturers and when the implementation of the process of learning in the classroom, where the instructional media designed lecturers are still conventional. Therefore developing of Web-based learning media is conducted to facilitate lecturers in teaching through Schoology. Schoology learning media equipped with lesson plan, lecture materials and tasks assigned to students. Students can collect these tasks through Schoology, so all learning can be done through the network even if the lecturer is not in the class.

Keywords: Learning Media, Web

The acceleration of information flow in today's era of globalization demands all spheres of life to adapt its vision, mission, goals and strategies to fit the needs so as not to be out of date. This adjustment of vision, mission, goals and strategies directly changes the order in macro, meso and micro systems, as well as the education system. National education system must always be developed in accordance with the needs and developments that occur both at the local, national and global (global).

One of important education system components is the curriculum, because the curriculum is a component of education that is used as a reference by every educational unit, both managers and education providers. Therefore since Indonesia has the freedom to organize education for the children of its nation, since then also the government compiled the curriculum. In this case, the central government's curriculum is decentralized and applied to all the nation's children across the country.

Lesson Plan is one of the supporting curriculum, because the lesson plan contains all the materials that will be taught for one semester. In addition to the material, lesson plan also includes learning methods and learning media that will be used by a lecturer. Learning methods and media used by lecturers are not the same for all materials therefore a lecturer should be appropriate in choosing methods and learning media.

Learning media is very useful for lecturers and students to achieve learning goals better and faster. In order for the use of learning media to give a positive effect and efficient so it must be much noted a lot of things for learning using learning media can run well.

Based on the results of the mapping conducted by looking at the lesson plan in Sendratasik Department (Music Education, Dance Education and Performing Arts Program) in the first and third semester of FY 2017/2018, there are still courses that did not maximized learning media using (both theory and practice). So far, the media used in learning is only in the form of projector /LCD. However the media has included the means of infrastructure in the learning available in each class. But there are some courses that have used learning media in the learning process, but still conventional and this is very missed on the world of education, especially for Higher Education. Therefore, an action is needed to develop e-learning based learning media (Web) in order to really be utilized by lecturers to assist students in receiving the given material.

From the explanation above, it can be expressed through the research how to develop Web Based Learning Media in Sendratasik department FBS Unimed.

Learning Media

The nature of learning media is as a vehicle for delivering messages or information from the source of the message forwarded to the recipient. Message or teaching materials that are delivered are learning materials to achieve the learning objectives or a number of competencies that have been formulated so that in the process requires the media as a learning subsystem.

The use of media must be planned and systematic in accordance with the learning objectives. The presence of media helps learners to understand a particular concept that is difficult to explain with verbal language, thus the use of media is highly dependent on the characteristics of media and the ability of educators and learners understand the workings of the media, so that in the end the media can be used and developed in accordance with the purpose expected learning.

The efforts to make the teaching more concrete is by using the media of learning many people do. Various types of learning media have their own usefulness to understand the various types of learning media and its value in teaching, it is better understood in advance the classification of various types of learning media based on the value of each. Understanding will assess which has each of these types is important, because in the process of education / teaching and learning process, the educator must have appropriate learning media so that the desired goal can be realized in the student, during the learning process used.

There are six types of learning media according to Heinich and Molenda (2005) (Dadang, 2009) namely: (1) Text is a basic element for conveying information having various types and forms of writing that seeks to appeal in the delivery of information; (2) Media Audio is helping to convey information more memorable. It helps to improve the attraction of something. Audio type includes background sound, music, or sound recording and more; (3) Visual Media, media that can provide visual stimuli such as pictures / photos, sketches, diagrams, charts, graphics, cartoons, posters, bulletin boards and others; (4) Motion Projection Media, including motion film, bracelet, TV program, videocassette (CD, VCD, or DVD); (5) Objects / miniatures, such as three-dimensional objects that the student can touch and touch with. This media is made to overcome the limitations of both the object and the situation so that the learning process is still running well; (6) Humans, including teachers, students, or experts / experts in certain fields / materials.

In addition, beside using of print media, in today's teaching effort, there is also a rapidly increasing development in the use of electronic media, such as: Visual Media: the only visible media, such as: photos, images, posters, cartoons, graphics, 1) Audio Media: only audible media, such as: audio tapes, mp3, radio; (2) Audio Visual Media: audible and viewable media, such as: voicemail, video, television, sound slide; (3) Multimedia: media that can present complete media elements, such as: animation. Multimedia is often identified with computers, the Internet and computer-based learning; (4) Reality Media: real media present in the natural environment, whether used in living or preserved conditions, such as animals, specimens, herbaria etc.

Web- Based -Learning

Web-based learning is a learning activity that utilizes the media sites (websites) that can be accessed through the internet network. Web-based learning or also known as Web Based Learning, is one type of application of electronic learning (E-learning), or it can also be said a learning experience by utilizing the Internet network to communicate and convey learning information.

Khan on Herman Dwi Surjono (1999) defines web-based teaching (WBI) as a hypermedia-based teaching program that utilizes the attributes and resources of the World Wide Web (Web) to create a conducive learning environment. Meanwhile, according to Clark WBI is individual teaching that is sent through public or private computer network and displayed by web browser. Therefore WBI progress will be related to the advancement of web technology (hardware and software) as well as the growing number of web sites in the world very quickly.

Method

This research was conducted by qualitative descriptive method. Qualitative descriptive method is used to reveal a real picture of the Development of Web Based Learning Media in Sendratasik Department FBS Unimed.

The research was begun by identifying lesson plan to see the courses that had used the learning media on the three Programs in the Sendratasik Department FBS Unimed. Then obtained the courses of data that had not used the learning media which was four courses from Music Education Program, three courses from dance education program and two courses from Performing Arts Program. These nine courses developed Web-based learning media that had not existed in Sendratasik Department.

Results

Identification of First and Third Semester –KKNi Oriented

Sendratasik Department has three Study Programs, namely the Music Education Study Program, the Dance Education Study Program, and the Performing Arts Studies Program.

The data obtained in Music Education Prodi that there are 11 courses in the first semester and 11 courses in the third semester. From the data obtained on the Music Education Program, it can be identified as follows:

- a. There were three courses from 23 courses in Music Education Program that used learning media in the lesson plan which was a course of wind instrument preparations, courses of middle inflatable instruments and courses Natural Science Basic. But the media listed in the Lesson Plan is not adapted to the material because not necessarily in 16 meetings using the same media.
- b. Learning media used only commonly used instructional media such as: laptop, and LCD, and this has not been categorized in music learning media.
- c. In Lesson Plan does not include the use of instructional media, however there were also used the media, for example in the basic guitar instrumental in lesson plan there was no learning media but in learning using android guitar and backing media.

Based on the data obtained in Dance Education Program that there were 10 courses in the first semester and 9 courses in the third semester. From the data on the Music Education Program, it could be identified as follows:

- a. In Dance Education Program there were only 9 (nine) courses from 19 courses that did not include learning media in lesson plan that was five subjects MKDK (Philosophy of Education, Development of Educate, Leadership, Religious Education, Citizenship Education) and four field dance studies (Introduction to Dance of Arts, Concepts of Art Education, Learning Design, Teaching and Learning Strategies).
- b. Learning media used for theoretical course is just a commonly used instructional media such as: laptop, and LCD, while for the practice of learning media subjects used only tape recorder / CD.

The data obtained in Performing Arts Program that there were are 10 courses in the first semester. From the data on the Music Education Program, it can be identified as follows:

- a. In Performing Arts Program, there were only two courses from 10 courses that included instructional media in lesson plan, which were elective courses (Malay dance / Malay / Malay Theater) and Body Training Course. But the media listed in the Lesson Plan is not adapted to the material because it was not necessarily in 16 meetings using the same media.
- b. Learning media used for theoretical course is just the commonly used instructional media such as: laptop, and LCD, whereas for practice subjects of instructional media used only tape recorder / CD (especially dance practice).
- c. In the lesson plan did not include the use of instructional media, however, in learning there were many used the media, for example in vocal courses in Lesson Plan there is no medium of learning but in learning using media Keyboard.

Developing IT Learning Media

Data obtained on three courses, there were few lecturers using learning media let alone e-learning based learning media in Sendratasik department (Music Education, Dance Education and Performing Arts Program). Therefore, the need for the developing e-learning based. Therefore the lecturers and students are able to interact in the network. One of the most frequently used e-

learning media is Schoology . Schoology was easy to use because the look and use were similar as facebook. The developing of Web-based learning media used in Sendratasik Departmentis was Schoology.

Schoology is a specialized Web-based social network for schools and colleges focused on cooperation, to enable users to create, manage, and interact and share academic content. The Web also provides access to faculty and students for attendance, task-gathering, practice and media learning resources that can be accessed anytime and anywhere.

Some of the advantages of schoology are the availability of Attendance / attendance facilities, which are used to check student attendance, where the student can be marked as "present", "permit", "late" or "no entry". In addition, there is an Analytic facility to view all student activities on each course, assignment, discussion and other activities prepared for students. Through this analytic feature, can see anywhere or on any activity an ordinary student spends their time when he logs in. In schoology can also be done settings / moderation to users who want to join the group / class, on the status of Access Group as Invite Only, Allow Requests or Open. Lecturers can also filter student posts on a course before the post is published. So mahassiswa can not casually update the status on his course. In particular, schoology also has facilities to send letters / messages and only through direct post. So in schoology, can send a letter anywhere through Messages facilities available. Schoology also not only can update the status for your course or group, but can integrate (sharing) posting to your Facebook or Twitter account. Schoology also provides facilities for managing the grade of quiz results or other activities, via Gradebook. Schoology can also be accessed via mobile devices, by installing Schoology Apps, which can be downloaded and used for free. In addition to the advantages described above, schoology also has some drawbacks that lecturers can not invite students via email, content on the mobile phone is less complete.

The Stages of Developing Web Based Learning Media using Schoology Portal

The developing Web-based learning media using Schoology portal only for ten subjects in the Sendratasik department scattered in the first half, II, III, IV KKNi FY 2017/2018. Here are the subject data that makes the Web-based learning media using Schoology portal.

Table 1. The Courses Used Schoology

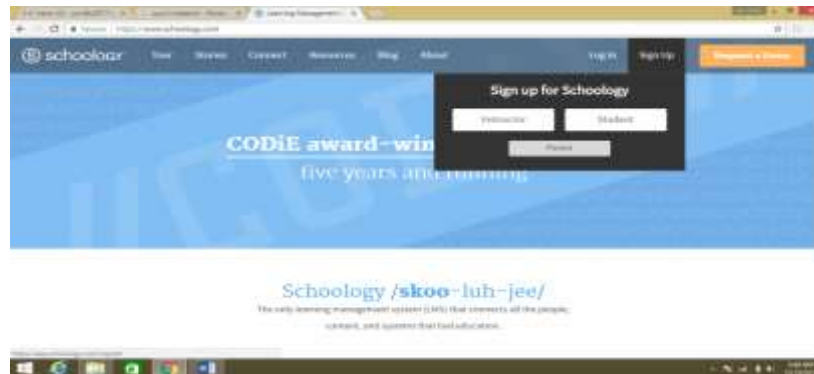
No	Program	Courses	Semester	Lecturers
1	Music Education	Strategi Belajar Mengajar	III	Wiflihani, M.Pd
2		EarTraining	II	Dra. Pita HD Silitonga, M.Pd
3		Telaah Kurikulum	II	Dra. Theodora Sinaga, M.Pd
4		Harmoni Moderen	IV	Uyuni Widiastuti, M.Pd
5	Dance Education	Pembentukan Tubuh	I	Iskandar Muda, M.Sn
6		Teknik Trai Pakpak Dairi	II	Sitti Rahmah, M.Pd
7		Telaah Kurikulum	II	Dra. Dilinar Adlin, M.Pd
8	Performance Art	Pengantar Pengetahuan Seni Pertunjukkan	I	Dr. Nurwani, S.ST, M.Hum
9		Sosiologi Seni	II	Dra. RHD Nugrahaningsih, M.Si, P.hD

Making Learning Media Stages in Modern Harmony Class

The following is the main page of the schoology portal. Go to page <https://app.schoology.com/register.php> or click Sign Up on the main Schoology page.



Select the Instructor menu



Enter the Name, email address and password that will be used to login in Schoology After that asked to enter the data where to teach.



Enter all teaching data, use search button if not automatically and then click Select School. Done, and now has a schoology account with role as Instructor.

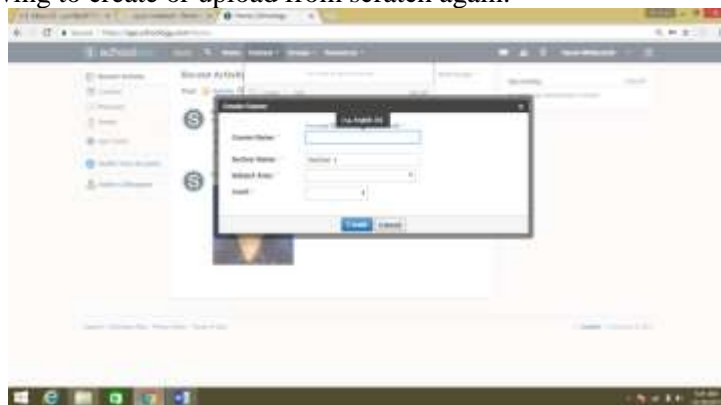


In the Course schoology can be likened to the course, therefore the first step to do the learning process in Schoology is to make the Course. Here is step by step to create the course:

1. Click the Course drop down menu on the top menu.



Fill in the form with Course Data and Academic Year. Section Name is usually used to create a class, for example, to teach for one course in different classes. Using your section will make it easier to copy all the materials, tasks and exams you have created in class A for example to class B without having to create or upload from scratch again.



How to Make Materials Courses: Assignments (Tasks)

To create assignments for Students at Schoology,

1. Click the Add Material button at the top of Course Materia
2. Click Add Assignment. Before creating Assignment you can also create folders first to tidy up the look of Course Material. The creation and folder settings will be discussed later.
3. Click Add Materials
4. Select Add Assignment
5. Fill out the Create Assignment form then click Create



Conclusion

Learning media is one of the learning tools that must be owned by educators because the learning media is very helpful to educators provide materials and facilitate learners receive the material. Currently very little learning media used by lecturers of Sendratasik . This can be seen in the lesson plan made by lecturers and when the implementation of the learning process in the classroom. Learning media used by lecturers in theoretical subjects still use common learning media such as laptops and LCDs, while lecturers using learning media especially music, dance and theater are still minimal. In the practice of dance lesson of learning media that is used is also just

general that is tape recorder and CD. Therefore the importance of the development of learning media conducted in the Department of Sendratasik , therefore the learning process will be more interesting for students. Web-based learning media designed in this study is Schoology, there are nine courses that make learning media consisting of courses: Dairi Dance Technique, Dance Arts Knowledge, Curriculum Study, Body Building, Ear Training, Teaching and Learning Strategy, Modern Harmony.

Schoology learning media is equipped with Lesson Plan, Materials lectures and assignments given to students. Students can collect these tasks through Schoology, then learning can be done through the network.

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