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4th HICE

PROCEEDING

THE 4th HAMZANWADI INTERNATIONAL CONFERENCE ON EDUCATION 2018

*"Elevating Human Resources through Education,
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Lombok Raya Hotel, November 3rd – 4th, 2018

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Prof. Muhammad Sukri Bin Saud (Dean of Education, Universiti Teknologi Malaysia)

Prof. Dr. Joko Nurkamto, M.Pd. (President of TEFLIN, Indonesia)

Gerard Marchesseau (Associate Professor of Naruto University of Education)

Ravinesh Rohit Prasad (Ministry of Education, Fiji)

HAMZANWADI UNIVERSITY

PROCEEDING

THE 4TH HAMZANWADI INTERNATIONAL CONFERENCE ON EDUCATION

“Elevating Human Resources through Education, Language, and Culture”

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FOREWORD

November 01, 2018

Praise and gratitude to *Allah Subahanahu Wa Taala*, the Almighty God who pours us with His grace and gifts. In His willpower, The 4th Hamzanwadi International Conference on Education with the theme "**Elevating Human Resources through Education, Language, and Culture**", can be accomplished well and this Proceedings can be published.

The theme is chosen to give more attention to the academic field dealing with the importance of developing and strengthening the role of educators and practitioners in education, language, culture, and human resources. This is to prepare each element to face the dynamic of global development of the competence of educators, teachers, lecturers, practitioners, language users and culture observers.

The most serious problem in education today is the professionalism of educators. This shall not be ignored. Efforts are endeavored to deal with this problem and to improve educators' capability in order to produce better quality graduates. Therefore, this conference is conducted to instill and upgrade educators' competence by presenting the results of their research, observation, and innovation in the fields of education, language and culture.

This conference is annually held by Hamzanwadi University as a form of real contribution to improve educators' competence and to offer new concepts and innovations to education in Indonesia, especially Lombok.

Some experts are invited for this conference. Those include Prof. Dr. Joko Nurkamto, M.Pd. (Indonesian TEFLIN Chairperson), Prof. Gerard Marchesseau, Ph. D. from Japan, Prof. Keith Robert John Wood, PhD. from Berunai Darussalam, Prof. Ravinesh Rohit Prasad, Ph.D. from Fiji, and Prof. Moh.Sukri Bin Saud, Ph.D. from Malaysia.

Finally, our gratitude goes to the Rector of Hamzanwadi University, Keynote Speakers, Presenters, Participants, and Committees who have done the best to bring this conference into success. May *Allah Subahanahu Wa Taala*, the Almighty God bless all our good efforts. Thank you.

Dr. Khirjan Nahdi, M.Hum.
The Academic-Vice Rector
Universitas Hamzanwadi

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Abdul Rasyad

Preliminary Studies: The Influences of Internet Usage by Student in Developing E-Content of E-Learning System

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Abstract: This research aimed to developing E-content of E-learning system. The E-content would be used for e-learning system and blended learning as one of the learning innovations. For this aim, preliminary studies of internet usage by students of Hamzanwadi University have been done. The result of these studies will describe the habit of student while using internet. The model of this research was descriptive research using questionnaires. The item of questionnaires was focused on three aspects: time, tool and cost, and content. Every aspect has their items and developed 10 questions for whole aspects. These questionnaires gave to 100 freshman students of Hamzanwadi University randomly. The results of the preliminary studies show the highly intensity and frequency of internet usage by freshman of Hamzanwadi University. Approximately 90 % of freshman use internet every day for a whole time, above 70 % use all access of social media, and 87 % of freshman use internet for academic's purposes. These data was supported by trust and economic ability of freshman in using internet. Furthermore, the data show the highly intensity and frequency of internet usage by student and give the positively influences for e-learning system in learning student process. These results become a good basic and give the influences for developing e-content of e-learning system.

Key words: Internet usage of freshman, E-content, E-learning system.

The Usage of technology and information in every part of life like economy, social, and education is not proportional enough recently. Survey has been done by Mars Indonesia and released that 90,5 million Indonesian has been connected with internet. In economic and social, the usage of technology takes bigger part than education. That is shown by highly growth of e-commerce or online shop. Indonesia E-commerce Association noted the member of e-commerce in 2016 just 9 e-commerce, but now has 185 e-commerce. In social, it shown by Indonesia is included in the largest group of social media uses such as Facebook, Twitter, Instagram and other social media. According to the research report *We Are Social and Hootsuite* Indonesia got ranks 4th in the world with the most active Facebook users. In education, the usage of internet is not comparable as in economic and social. The lack of resources that is able to create learning applications or educational programs. Actually, there are several learning applications such as Quiper Video, Edmodo and others, but it is not quite enough of e-content in educational necessity. Therefore, learning application development is absolutely needed for improving the quality of education.

In recent years, education technologies have provided the opportunity to benefit from efficient methods of learning (Geogieva, Todorov, & Smrikarov, 2003). Those technologies allow the learners for participating in an active and self-paced learning environment. Technologies were not necessarily changing the way of teaching subjects but changed the discipline of teaching resources at the teachers' and learners behaviour, in a fact. They have added interest to the course content and delivery.

One of them is developing e-content of e-learning system. The diverse use of the web service, Internet, and multimedia technologies have changed the traditional learning into e-learning and have made it an important educational tool in universities (Chen, 2009; Shih, 2008). E-learning as one of the way for improving the quality of learning process becomes a substantial investment in education process. In many countries, educational institutions, particularly universities, e-learning is a part of their long-term plans in their learning process (Triantafillou, Pomportis, & Georgiadou, 2002). Indeed all

universities and educational institutes around the world have been designed around providing e-learning in order to improve the quality of learning process.

For developing a good e-content of e-learning system, we have focused of several points such as: learning rate, effectiveness of educational content, quality of content, use of e-learning standards and instructional design. It is important to achieve effective learning. Likewise, new research conducted around the world shows that e-learning, virtual learning contexts and managed services provide benefits to institutions and training centres (Rubin, Fernandes, Avgerinou, & Moore, 2010; Raghuvveer & Tripathy, 2012).

E-learning system in a learning student process used electronic media and information technologies. In a learning model, learning content is created by combining learning content with electronic devices and delivery as digital process (Tafiardi, 2005., Ibrahim, 2014).

In Hamzanwadi University, developing e-content of e-learning system has been initiated for a while ago. University has been given training and access to their lectures for developing e-content, and students also. So, in recent time developing e-content of e-learning system is absolutely needed. This is one way to improve the quality of learning process, especially in Hamzanwadi University. Furthermore, this preliminary study will give describe of the important of developing e-content n e-learning system. The current research was aimed at answering the following questions:

- (1) How is the intensity and frequency of internet usage by student in Hamzanwadi University?
- (2) How is the influences of internet usage by student of in developing e-content of e-learning system?

Method

Participants

The participants of the present study were 100 freshman of Hamzanwadi University, academic year 2017/2018. They are given questionnaires of the internet usage included the questions. They just filled in their date of birth as the corresponding number. They did not fill their name, address, or another identities. The corresponding number will give us the age interval in internet usage.

Data Collection

To solve the proposed research questions, the data of the study was collected by questionnaires. The item of questionnaires was focused on three aspects: time, tool and cost, and content. Every aspect has their items and developed 10 questions for whole aspects. The questionnaire has been given to 100 freshman student in Hamzanwadi University, randomly. The questions are shown in the following table:

Table 1: *The internet usage by student*

Aspect	Indicator	Questions
1. Time	Can set the time to use/ access the internet	1. The frequency of using internet: a. Every day b. Twice a day c. Once a week 2. Time of using internet: a. Day b. Noon c. Night d. The whole time 3. The interval time of using internet: a. Less than 1 hours b. 1-2 hours

		c. More than 2 hours
2. Tool and cost	Ability for using device to internet access	<ol style="list-style-type: none"> 1. Device for access internet: <ol style="list-style-type: none"> a. Laptop/computer b. Hand phone (HP) c. Note book
	Ability for managing cost of using internet	<ol style="list-style-type: none"> 1. Provide the cost of internet and text message/calling <ol style="list-style-type: none"> a. Internet cost more than text message/calling cost b. Text message/calling cost more than internet cost c. Internet cost equal with text message/calling cost. 2. The cost of internet for one month: <ol style="list-style-type: none"> a. 10 K-30 K b. 30 K-50 K c. 50 K-100 K d. More than 100 K
3. Content	Ability for using several kinds of internet service	<ol style="list-style-type: none"> 1. Category internet service: <ol style="list-style-type: none"> a. News and article b. Social media c. Chat d. VOD/Streaming service 2. Using internet for academic purposes: <ol style="list-style-type: none"> a. Yes b. No 3. Have knowledge for browser or web to academic purposes: <ol style="list-style-type: none"> a. Yes b. No
	Ability and trust of Internet content	<ol style="list-style-type: none"> 1. Trusted of academic content in internet: <ol style="list-style-type: none"> a. Very trusted b. Trusted c. Untrusted d. Very untrusted

Data Analysis

The data collected from the questionnaire was quantitatively analysed by percentage descriptive:

Here is the equation to analyse the data as percentage descriptive (Sudijono, 2009: 43):

$$P = \frac{f}{N} \times 100\%$$

Noted:

P: percentage number

F: percentage of item questionnaire

N: Number of case

If the data in a percentage, proportion or ratio, the conclusion which we get is depend on the problem. Here is the percentage category we used:

Table 2: *Percentage Number* (Sudijono, 2009:43)

Percentage	<i>Noted</i>
80% -100%	Highly
60% -79%	Highly enough
50% -59%	Lower enough
< 50%	Lower

Results and Discussion

Descriptive Percentage of Questionnaire of Internet Usage

Table 3 at the following paragraph has been given the percentage of every indicator of whole aspects of frequency and intensity of internet usage by student in Hamzanwadi University. From that table we analyse that item of questionnaire which got highly percentage (80%-100%) are: the frequency of using internet, 90% object used internet every day; ability for using device to internet access, 94 % object used hand phone; and ability for using several kinds of internet service, 87% object used internet for academic purposes.

Furthermore, item of questionnaire which got highly enough (60%-79%) are: set the time to use/access internet, 71% object spend all their times to use internet; managing cost of using internet, 70% object have more internet cost than text message/calling cost; using the internet service, 63% object used internet for academic purposes, 73% used internet for social media, 70% used internet for chatting; 64% object have knowledge of web or browser for academic purpose with 64% object trust of internet content.

For Ability for managing cost of using internet aspect just get less than 50% of object. All the data show that internet usage by student especially to freshman in Hamzanwadi University the highly percentage of using internet. Indeed, we need the solution for controlling this track. So it cannot give the negative effects to student academic achievement. One of the solving problems in this research is developing e-content of e-learning system in student learning process.

Table 3: Analysis Data of Internet Usage by Student in Hamzanwadi University

Aspect	<i>Indicator</i>	<i>Questions</i>	<i>Percentage</i>
3. Time	Can set the time to use / access the internet	1. The frequency of using internet:	90%
		a. Every day	
		b. Twice a day	
		c. Once a week	4%
		2. Time of using internet:	
a. Day	6%		
b. Noon	3%		
c. Night			
d. The whole time			

		3. The interval time of using internet:	3%
		a. Less than 1 hours	24%
		b. 1-2 hours	70%
		c. More than 2 hours	
			22%
			94%
			4%
4. Tool and cost	Ability for using device to internet access	Device for access internet:	35%
		a. Laptop/computer	94%
		b. Hand phone (HP)	4%
		c. Note book	
	Ability for managing cost of using internet	1. Provide the cost of internet and text message/calling	
		a. Internet cost more than text message/calling cost	70%
		b. Text message/calling cost more than internet cost	20%
		c. Internet cost equal with text message/calling cost.	8%
			48%
		2. The cost of internet for one month:	37%
		a. 10 K-30 K	12%
		b. 30 K-50 K	1%
		c. 50 K-100 K	
		d. More than 100 K	
3. Content	Ability for using several kinds of internet service	1. Category internet service:	63%
		a. News and article	73%
		b. Social media	70%
		c. Chat	45%
		d. VOD/Streaming service	
		2. Using internet for academic purposes:	87%

	a. Yes	12%
	b. No	
	3. Have knowledge for browser or web to academic purposes:	64%
	a. Yes	36%
	b. No	
Ability and trust of Internet content	Trusted of academic content in internet:	
	a. Very trusted	35%
	b. Trusted	64%
	c. Untrusted	1%
	d. Very untrusted	0%

Developing e-content of e-learning system to student learning process is absolutely important. This is supported by the highly intensity and frequency of internet usage by student and student ability of using internet service. The student ability to use internet service such as: ability for using device of internet access especially hand phone, ability for managing cost of using internet, ability for using several kinds of internet service, and ability and trust of Internet content. Based on these abilities, freshman students of Hamzanwadi University was ready for e-learning system. One thing that very important when we developed e-learning based on these studies is e-content of e-learning system might be accessed from several devices, especially hand phone.

For the next research, we will develop e-content which include text, video, simulation, and slide for academic purposes in learning student process. We have made e-content draft, website design, and e-content design. We will do trial, revision, and evaluation for developing this e-content in e-learning system.

Conclusion

The current study investigated the influences of internet usage by student in developing e-content of e-learning system. The data show the highly intensity and frequency of internet usage by student and give the positively influences for e-learning system in learning student process. Absolutely, these result become a good basic for developing e-content of e-learning system.

References

- Chen, M.P. (2009). *An evaluation of the ELNP e-learning quality assurance program: Perspectives of gap analysis and innovation diffusion*. Educational Technology & Society, 12(1), 18-33.
- Geogjeva, G., Todorov, G., & Smrikarov, A. (2003). A model of virtual university—Some problems during its development. *Proceeding of the 4th International Conference on Computer Systems and Technologies: E-learning*. Bulgaria. ACM Press.
- Ibrahim, DSM.(2014). *The Effects Of The Use Of E-Learning On The Learning Motivation Achievement In Mathematics Of The Students Of SD Negeri Tahunan Yogyakarta*. Jurnal Prima Edukasi, Vol. 2 No. 1, 66-79.

- Raghuveer, V. R., & Tripathy, B. K. (2012). *An object oriented approach to improve the precision of learning object retrieval in a self learning environment*. *Interdisciplinary Journal of E-Learning and Learning Objects*, 8, 193-214.
- Rubin, B., Fernandes, R., Avgerinou, M. D., & Moore, J. (2010). *The effect of learning management system on student and faculty outcomes*. *The Internet and Higher Education*, 13(1-2), 82-83.
- Shih, H. (2008). *Using a cognitive-motivation-control view to access the adoption intention for Web based learning*. *Computer & Education*, 50, 327-337.
- Sudijono, Anas. (2009). *Pengantar Statistik Pendidikan*. Jakarta: PT Raja Grafindo Persada.
- Tafiardi. (2005). *Meningkatkan Mutu Pendidikan Melalui E-Learning*. *Jurnal Pendidikan Penabur*. Vol. IV, No.04, 85-97.
- Triantafillou, E., Pomportis, A., & Georgiadou, E. (2002). *AES-CS: Adaptive Educational System Based on Cognitive Styles*. *Proceedings of OFAH 2002 workshop Systems for Web-based Education*.