The Usage of Mobile Learning

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Absract. Mobile learning has been defined as learning facilitated by mobile devices such as mobile phones, tablet PCs, and personal media in both formal and informal educational settings. Mobile learning has become widespread as the development of mobile devices with advanced wireless communication technology has encouraged learning "on the move," using mobile devices in educational settings. It allows students to access learning content from various locations and times and share learning contents with others. This technological innovation has encouraged increasing the use of mobile technology to fulfill their students' expectations and needs. Moreover, the usage of mobile learning give advantages where the students are able to access their needs by taking advantage of the unique features of mobile devices.
Keyword: Mobile learning, teaching and learning, mobile technologies, interaction

Introduction

Nowadays, mobile learning is important. This is because mobile learning one the ways for educational institutions to deliver the information and content to the students through any platform, anytime and anywhere. To implement mobile learning, students need to use their own mobile devices an also mobile application to complete their tasks that have been given from their lecturers. Based on the previous study, there are three usage of mobile learning. Firstly, mobile technologies. According to Idris (2013), nowadays, learning through mobile technologies was very important because that is necessary in our daily life. They also stated that by using mobile technologies, it is a one of the flexible learning that can be implement either in schools or universities.

Next, teaching and learning process. According to Dawood Salim Al Hamdani (2017), he stated that by using mobile devices, it will increase the teaching and learning process and implement resource based learning. Based on the previous study that have been done by Ada (2017), as a result, this study was found that a positive attitude part of educators consider use a mobile learning in teaching and learning process. Last but not least, interaction. According to Insook Han (2016), as a result, they said

that technological innovation has encouraged higher education institutions to increase the use of mobile technology to fulfill their students' expectations and needs. At present, many undergraduate students bring their own digital devices to university, especially small, portable ones such as smartphones and tablets.

The aim of this study is to identify the usage of the mobile learning towards education system. Mobile learning is one of the technology that should be implement in system education. This is because mobile learning are delivery of learning, education or learning support through mobile devices such as laptop, tablet, mobile phones and other. Mobile learning also have the software that can use by the lecturers to give a task to their students. At the same, it needs an internet connection to enables the teaching and learning process can implement. By using the mobile learning, the interaction process can be executed between the learners. The remainder of this paper is organized as follows. Section 2 is literature review. Final section contains some concluding remarks.

Literature Review

This research is expected to identify the usage of the mobile learning towards education system. For the usage of the mobile towards education system, we focus on three main aspect, which is mobile technologies, teaching and learning process and interaction.

Mobile technologies.

As we know, we talk about mobile learning, it can be define as a learning that use mobile devices or technology tools in teaching and learning process. With technologies, it allows the students to learn outside the classroom by using their smartphones, tablets PC. The usage have been accepted as a flexible learning because the students or learners can get their needs within seconds in term of data exchanges and communicating without depends on anything and anywhere (Goksu, 2013 ; (Seppala& Alamaki, 2003). Besides that, according to Burden, (2017) ; Broda et al., 2011) they mentioned the important of modelling of iPad among teacher educators. They also stated that to help them to become comfortable by using the mobile devices in their teaching

In new era globalization, nowadays almost of the students preferred to use the mobile devices in the classroom session. According to Oz (2013), it showed the result that mostly the students use their devices in their learning to do their assignment. Other than that, they also use their devices to access the information, use the dictionary, look at the vocabulary, and have a students that use the devices to read the new or article in the Internet. The study also tells that the students use the mobile devices to checks their spelling and make a translation.

As a conclusion, the goal of using mobile technologies is to increase and build up student learning. Mobile technologies also can helps educators to improve their teaching and learning with combine social media applications and mobile technologies.

Teaching and learning

One of the usage of mobile learning is teaching and learning. Mobile learning is important in teaching and learning because:

Distance learning

Nowadays, the existence of technology world was enabled a system education implement for distance learning. Distance learning was enable students to study without come to class or face to face with their lecturers. According to (Goksu 2013: Bates, 2016), he stated that government supported the distance learning to implement in system education. His is because for life – long learning, effective and efficiency of teaching and learning, the effectiveness cost and others. However, according to Bates (2006) that cited in Goksu (2013), he stated that for him, he not sure either distance learning is good or not. For him, with existence of technology world, the system education was disappear because of lacks interaction between students and lecturers. Students will depends entirely towards technology.

Self – directed learning

Self-directed learning is one of the usage of mobile learning. Self – directed learning enables students to learn by their self. This is effective learning method for informal learning. This is because does not involve time for students to study. According to Boticki et.al (2015), ; (Loyens, Magda, & Rikers, 2008) they stated that on 21st century, either students or teachers feel comfortable to use self – directed learning method. This is because students can manage learning process by their own. Self – directed learning is relevant skills that bring the learners will spent more time to learning (Boticki et.al (2015), ; Abar and Loker,2010). They also suggested that the skills directed learning method should implement during motivation section such as students motivations, team building and so on.

Lastly, self-directed learning with technology, it can be taken as a process in which learners use technology as an instrument in the course of self-directed learning and they support this process by using technology.

Interaction

By using mobile learning, the process of interaction will automatically happens. This is because it is involve the collaboration learning and sharing information. Collaboration learning is a transformation learning from traditional learning to present day learning. Based on previous study by Burden (2017), it had mentioned that collaborative is what learner are going to do together either to find the solution for the problem, as a preparation for assignments or so on. Besides that, they also stated that collaborative learning is one of the interaction methods to arrange the strategies, manage the problem because learner will interact each other's either face to face or by using mobile devices. Even though they are far away, the decision still can be make because of technologies and the collaboration. Moreover, according to Premadasa (2013), this study stated that collaborative learning is a type of learning where the learners participate in-group activities. By using the online platform, the learners have

the real time to interact each other with their instructors either by using video conferencing, instant messaging and others platforms.

Lastly, this is the right time to educational institutions to implement mobile learning because this is one of the good usage where the learners can make a collaboration and at the same time they can share the information or sources quickly.

Table 1. Analysis of Review

Authors	Mobile technologies	Teaching and learning process		Interaction
		Self – directed learning	Distance learning	
Ada,(2017)				✓
Hyo-Jung Kim, (2017)		✓		
Goksu, (2013)	✓			
Burden, (2017)	✓			✓
Oz, (2013)	✓	✓		
Chunmei Gan, (2016)				
Boticki, (2015)		✓		✓
Crompton, (2018)				
Insook (2016)		✓		
Hsieh (2017)		✓		
Bohm (2016)	✓			
Premadasa (2013)	✓			
Passey(2016)		✓		✓
Kam Cheong Li et al.(2017)				✓
Yun-Fang Tu, (2018)		✓		

Conclusion

Based on literature review, most of the study are focus on mobile technologies, teaching and learning process and interaction. This showed that nowadays, the usage of mobile learning was important in education systems. This is because by using mobile learning in process teaching and learning, it enable the learners to choose which method that they want to use to get the information or knowledge. Mobile learning use technologies as a platform to gain the information such as laptops, tablets and other devices. With the devices, the learners can make an interaction each other's either by collaboration or sharing information. Besides that, the learners can choose to use self – directed learning method or distance learning methods to fulfill their needs. However, there are still have limited study that need to be focus. This is because to make sure the usage of mobile learning become more flexible for the future use. Lastly, the usage of mobile learning can make become more effective and efficiency in teaching and learning process.

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