

A New E-Learning Technique Using Mobility Environment

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ABSTRACT

Electronic Learning means the availability of educational materials and seminars at anytime and anywhere. Mobile Learning (M-Learning) is a new technology use in learning and teaching processes and activities using portable devices, and That specialize in the use of wireless gadgets with its technologies to deliver information outside the classroom. Not mobile phones as a device only that used in mobile learning process, but include all the devices that have mobility and wireless communication to achieve the desired goal of mobile learning, which is done at any time and time.

Keywords: Mobile Learning, Mobility, E-Learning, Blended Learning, Distance Learning.

I. INTRODUCTION

It confuses a lot of educators and technologists between the meaning of electronic and Mobile learning, Electronic learning is the adaptation of modern communication technologies and mechanisms. However, there are many differences between them do not know a lot, knowledge of these differences may help to understand the way of recruitment and identify areas. Also E-Learning Defined as a method of learning by use some modern communication mechanisms from a computer, network, and multimedia, simultaneously, asynchronously, or both [1].

While M-Learning defined as the use of smart devices to learn through the applications it offers. If there are some educators who view M-Learning as a self-contained educational system that has what it has and what it has [2]

Mobile learning can achieve what e-learning achieves because:

- Smartphone prices are low compared to computers [3].
- Mobile learning occurs anytime, anywhere, for easy carrying and mobility of devices [4].
- Mobile learning allows you to handle applications,

browse email, text, audio and video messages, and instantly respond to messages with the sender's notification of whether or not to receive the message [5], [6].

Since the 1980s the employment of ICTs as a driving force for educational technology in the development [7]. In addition, many international organizations and research institutions in developed countries have begun to discuss the dimensions and use of ICTs in the educational process through seminars, conferences and research projects. Development as used at high rates in business, medicine, industry, science, etc. [8], [9].

Currently we began to realize the importance of this technology in the educational process after the possibility of closing many educational entities like universities and schools due to political instability and the spread of people. Or the spread of various diseases [10], where the importance of educational technology and associated distance learning Distance learning and mobile learning as a catalyst in the learning of the technology involved in this interactive and exciting and enable students and learners to benefit from opportunities for learning, [11] active and flexible to a large extent, can be confused with the guidance of teachers personally distance in the so-called education M Mixed Blended Learning [12], [13].

At present, thanks to the teaching technology applied to and applied to the technology of communication and employment in the educational process spread e-learning and learning mobile to provide opportunities for fair and equal learning for learners anywhere, anytime [14,15].

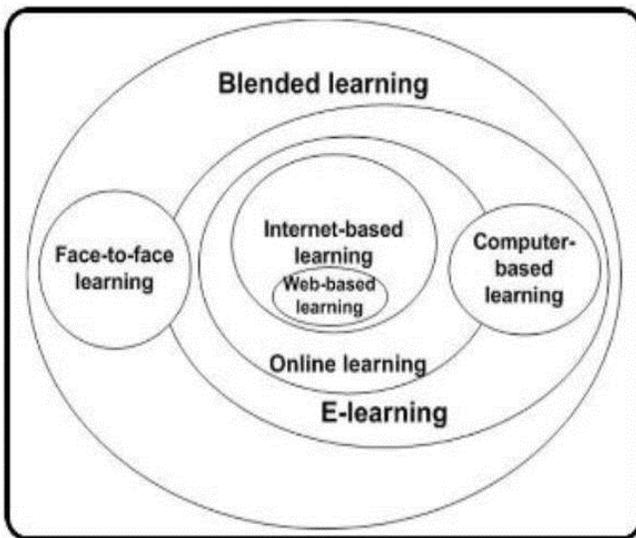
II. DISCUSSION

Custom e - learning as education "which allows digital educational content through electronic means , which includes computers and software included on the interactive properties of which are available on - line also reached through information and computer networks , local LANs in the classroom or school

networks and intranet that spread the range schools or school district or university, networks and extranet, which includes all the national education system, along with the Internet spread all over the world today, in addition to the possibility of broadcasting via satellite, strips the lion U/ Video, Interactive TV and CD-ROM "

The educational content provided can include texts, graphics, sounds, and movements in digital or computer multimedia and covers all intellectual materials and interactive practice activities that allow learners to learn, train and evaluate the individual feedback required.

Electronic learning to know covers a wide variety of applications and procedures that consist of computer-primarily based mastering, net-based totally studying, virtual classroom and digital collaboration. some other definition of e-getting to know is defined as a subset of distance gaining knowledge of, which in flip is taken into consideration a unique set of lively and flexible getting to know as illustrated in the following figure:



This attitude demonstrates that flexible studying functions include M-Learning knowledge of as an extension of e-studying. it is known as mobile learning to know m-learning as e-learning knowledge of, that's carried out via digital tools transportable pc of windows machines windows CE hand-held mobile telephones, any cellular telephones and cellular learning represents a subset of e- gaining knowledge of, which in turn is a subset of distance learning. Quick message provider like (SMS), consider a service that permits mobile users to exchange short messages in text form to each other.

- Wireless Application Protocol is a general standard that incorporates determinations and

principles of explicit correspondences, and causes clients get admission to the net remotely using little far off hand held devices, as an instance, cell phones, man or woman superior aides and others, where the binding together way remote access gadgets to the Internet, And encourages the exchange and trade of information and advantage from the remainder of its different administrations, for example, email, news, climate, sports, dialogue-

- Bluetooth service Bluetooth Wireless Technology: a technology that connects a set of cellular communicate devices with each other hyperlinks to quick - range Wi-Fi which includes cell telephones, and pocket computer to alternate statistics and documents among them wirelessly.
- Multimedia Message Service (MMS): a service where you can send your pictures and Video, etc.

III. RESULTS

The turn from E-Learning into M-Learning knowledge of accompanied through a trade in terminology used as inside the following figure:



Figure2: M-Learning Vs E-Learning

Many of existing studies and researches have tried to technologies must offer in mastering and teaching, in

comparison with E-Learning knowledge of strategies in particular, and the benefits presented by cellular studying to the getting to know procedure, student, instructor and discern. maximum of those studies imply that most of cell gadgets really have beneficial for schooling and teaching via facilitating the capabilities of teachers, and also are useful tools for mastering. additionally, gaining knowledge of for students, in addition to assisting the discern to observe up the getting to know of their youngsters, the blessings have been as follows:

Via cellular devices, along with cellphone, broadcast lectures and discussions immediately to the students, whatever their location, through contact these devices to the net, as students can thru interaction with each different and with the teacher in preference to hiding at the back of big displays massive video display units. Undergraduate students, mainly folks who live far away from their universities or college students who are not related to a normal activity can receive urgent administrative announcements or decisions, such as canceling a particular exam, apology for a share, or submitting a deadline for student projects. Traditional college students, where SMS services can be used to get less difficult and quicker records from smartphone or email conversations inclusive of lecture schedules or check schedules, especially with adjustments to these schedules.

Cellular devices permit instructors to study scholar assignments and paintings. students can also see the results of trainer exams of those tasks and obligations. handwritten messages can also be recorded through SMS or voice without delay at the tool all through instructions or outbound journeys. students and researchers help create a small library of books and instructions, as well as comments and annotations, in addition to motion pictures for a selected discipline. helps obtain a right away communicate between the parties of the educational procedure and the student, the educational group and mother and father, wherein dad and mom can acquire periodic follow-up of the consequences in their kids and the level of tutorial development, or some emergency signals about the absence or delay in their kids from attending school rooms, with school is of great importance to the family, especially if both parents are working, which gives an opportunity to rectify any school failure or walk to these children before the aggravation.

Using those technology ensures greater student participation in cell studying that they use in their everyday lives. consequently, a few trust that mobile schooling is an instance of lifestyles getting to know where the learner attracts his clinical and practical experience thru every day exercise, and cellular

smartphone inside the lecture room in preference to having computing device computer systems that require a number of area. these devices enable parties in the academic method to participate within the implementation of responsibilities and obligations in a collection (participatory) photograph, in order that many students and instructors bypass the tool together with or use the option X IR infrared feature in private digital gadgets or use a Wi-Fi community including Bluetooth and so teachers can use them to distribute work to students without problems and obviously.

The mobile devices have achieved the element of renewal in the traditional teaching method, especially in the old schools, which did not have sufficient technological developments in their equipment. One teacher considered that the use of mobile education activities stimulates students in what is known as "coolness" Increases motivation and personal commitment to learning If the student will take the device home at any time it will help him to commit and take responsibility, which can contribute to attract many of the young people who dropped out of education where they can enjoy the use of mobile devices, and devices Games. Games Devices like Gameboys in learning. Many studies and research have determined that mobile technology offers new opportunities for traditional classroom learning as well as lifelong learning outside these classrooms. Mobile education enriches learning with a wide range of capacity and flexibility as the learner can follow his learning while on the job Providing instant and in-time access.

Some studies have indicated that learners who practice learning through mobile learning techniques have been more focused on achieving learning goals and staying longer to engage in learning activities as a result of pleasure and benefit. Unique features are not available in other types of desktop PCs, where it has a high voice characteristic enables the user to talk and listen clearly high where a person can interact directly with any party synchromesh relatively low financial cost. The familiarity of the learner towards his personal mobile device, which is accompanied by always helps to overcome the fear of the use of technology, and it helps us in the eradication of modern illiteracy is the illiteracy of dealing with technology, may lead learning through mobile devices, including mobile phones to the dam The digital divide because these devices are less expensive than desktop computers are more commonly used, and some even add that learners. In mobile education, they can take advantage of their previous reading and writing skills by dealing with messages in a written text format. The use of cell schooling is conducive to the creation of more activities into traditional classes, which is vital to the medical material and the studying environment.

cellular schooling strategies can help clear up some of the troubles confronted by means of college students

IV. CONCLUSION

Cell Phones in smart technologies have grown to be a fundamental requirement of lifestyles due to the fact, similarly to being a means of conversation, they consist of social networking programs, digital games and e-books educational administrators ought to benefit from the availability of those gadgets and the available educational and recreational packages and others. Also it is possible that these devices help students who suffer learning difficulties Learning Difficulties. Moreover, low prices of Internet packages, which helped to connect mobile devices to the network almost continuously. This can help you find information faster and collaborate more effectively by default.

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