



# A DEVISE OF LEARNING ORGANIZATION SYSTEM FOR ELECTRONIC SECRETARY BASED ON UBIQUITOUS LEARNING

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## ABSTRACT

*The planned omnipresent computing creates a brand new calculation model. omnipresent learning supported omnipresent computing is that the trend of current study theory. This paper introduces the conception of omnipresent learning, analyzes and summarizes its thoughts and main characteristics, constructs the model of a omnipresent learning surroundings. With the steering of created omnipresent learning surroundings model, we have a tendency to style the management system for electronic course-lattice, and use the figure of secretary naming the management system as electronic secretary.*

## I. INTRODUCTION

### A. The conception of omnipresent Learning

Except omnipresent learning, there square measure life-long learning, e-learning, mobile learning and a few distance education post-modernist concepts. The progressive relationship exists between the previous and also the latter, and also the former is a lot of scientific and economical than the latter. The origins of omnipresent learning is dated to 1988, once Mark • Wither (1952-1999) introduced the "Ubiquitous Computing" conception. it had been realized that the foremost subtle technology is that the technology that disappears, that is, with the ever present technology and network for the middle, the physical house intelligent and every one things networking were created. that's to insert the pc into physical house, and to create it networking. during this approach, it makes info thus swimmingly between the physical surroundings and things as in electronic house, as if individuals board it [1]. omnipresent learning is supported by omnipresent computing technology. the foremost necessary application of omnipresent computing within the human study is to make a omnipresent learning platform and surroundings for learning. Of course, not solely one peripheral support role, that will play within the building method of associate omnipresent learning surroundings, however conjointly a psychological feature tool, a learning partner, a directly learning objectives [2].

### B. The philosophical and Characteristics of omnipresent Learning

Ubiquitous learning could be a humanist and its focus is that the studies task itself, the most concepts and options of that were as follows: [3][4][5][7]

- omnipresent learning surroundings ought to have the context of aware options, which suggests mechanically sense the placement of learners, the knowledge of surroundings, current learning activities, and interaction info between learners with the surroundings et al.. It analyzes and processes, and so understands the learners' desires and behaviors. per that, we will give the very best performance surroundings [6].
- omnipresent learning pays full attention to individual desires, preferences, learning designs and learning expertise of learners in learning. Learners were allowed to be told during a natural surroundings by a natural approach. Natural surroundings resides surroundings of learners, that embrace the physical surroundings and social surroundings.
- omnipresent learning focuses on the setting of the important drawback. Learners will learn by finding and building the mandatory information points to resolve issues. Learners square measure the problem-solver and also the vital builder. omnipresent learning will build learners develop problem-solving skills and advanced thinking ability.
- omnipresent learning intends to interrupt the educational from theory to theory of closed-type tiny cycles, absolutely reflects the interaction and influence between learners and social surroundings, and promotes the educational from the "artificial" to "ecological regression."
- omnipresent learning focuses on the event of analysis that regards the most body because the orientations. It conjointly advocates worth{the worth} of diversity and respects variations as a result of value diversity and

distinction do exist, information among the most information bodies are erratically distributed, and so lead to information flows.

**C. The Model of omnipresent Learning surroundings and its Inspiration for the Developed Learning Management System**

Ubiquitous learning surroundings could be a dynamic cardiovascular system, and it's not closed, however associate open system. the last word goal of learner's awareness are often captured and analyzed by the encircling surroundings, and also the real drawback for learning are often fashioned through intelligence services. omnipresent learning surroundings within the territory of pulse sensing technology relies on perception of technology that is endogenous dynamic changes of the surroundings, to realize a spread of intelligence services.

**D. The figure of electronic secretary**

In reality, a secretary is that the assistant to assist U.S.A. prepare material, prepare time, and supply service. they assist U.S.A. resolve lots of spare troubles, and save U.S.A. lots of your time and energy thus our work are straightforward and economical. associate electronic secretary learning management system will facilitate students manage course notes, without worrying of loss. The notes square measure recorded no matter anyplace within the course, and it'll be certain in conjunction with the content and index. It conjointly encompasses a assortment of personalised classified and personalised program version management. The guiding ideology of electronic secretary learning management system precisely coincides with the secretary's functions, thus we have a tendency to decision the educational management system as e-secretary learning management system.



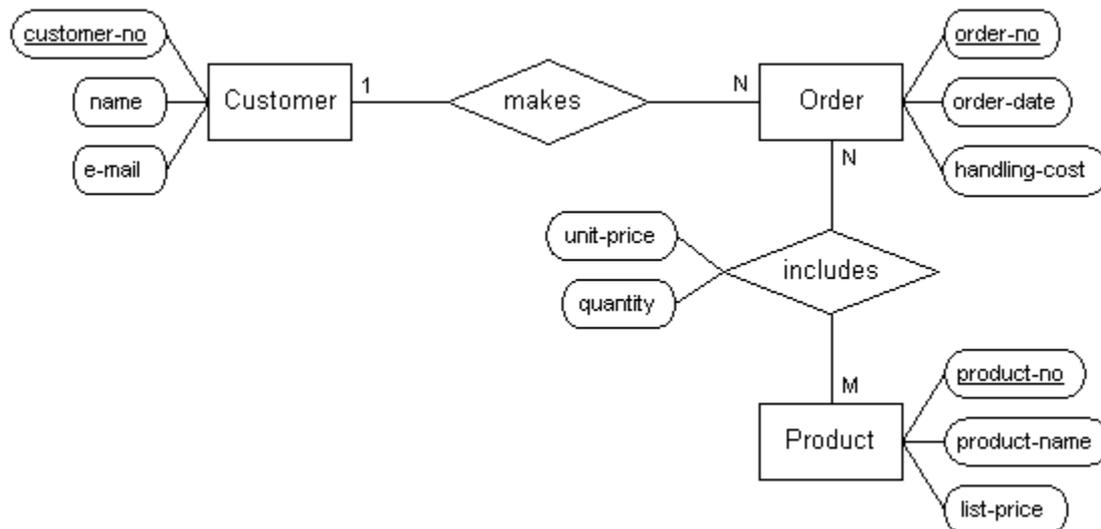
**Figure1.** the model of Ubiquitous learning environment

**II. THE LOOK OF LEARNING MANAGEMENT SYSTEM FOR ELECTRONIC ELECTRONIC SECRETARY**

Users ought to transfer and install the shopper program, and use e-mail certification to register and login system. when work into the system, users access the programme, notes, collections for programme resource management and learning. Users may also select learning support services like facilitate and ever-changing completely different languages. System conjointly offers instant electronic messaging window, resource queries and index functions.

The system uses P2P technology and supports multiplayer on-line video sharing, low-latency, secure and reliable, and needn't install plug-ins. so learners are ready to break latching tiny cycles from learning theory to learning theory, absolutely reflects the interaction and influence between learning and social surroundings to push learning from the "artificial" to "ecological regression".

The learners United Nations agency use the system learning course will write the study notes and needn't worry regarding losing them. The course notes where recorded and also the course content are certain along and indexed. This learner are ready to find within the intelligent surroundings and avoid the learners to extend the psychological feature load, as a result of technical issues.



**Figure 2.** the basic E-R diagram

### III. THE EVENT SURROUNDINGS OF LEARNING MANAGEMENT SYSTEM FOR ELECTRONIC ELECTRONIC SECRETARY

This on-line learning surroundings system relies on the C/S structure and also the development surroundings design of the system is Drupal . Drupal is associate open supply content management system (CMS) supported PHP and includes a spread of practical modules ,such as user management, module management, content compartmentalization and search, blog, forum and then on.

### IV. CONCLUSION

Ubiquitous computing are a vital direction for the event of data technology within the future. Its connected technology can facilitate to appreciate omnipresent computing model and to enhance it any. omnipresent computing can inject new vitality into info education, omnipresent computing applications in education can become a brand new hotspot. supported omnipresent learning concepts, this text designed the electronic secretary learning management system. there's an excellent gap between this state and also the full realization of omnipresent learning, that the analysis has to continue.

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