

# STUDENT SATISFACTION STUDY IN E-LEARNING THROUGH MOODLE SYSTEM OF THE FACULTY OF FINE AND APPLIED ARTS. SUAN SUNANDHA RAJABHAT UNIVERSITY

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## ABSTRACT

This research on students' satisfaction study in e-learning through Moodle system of the Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University, aims to create a course for instructional system through MOODLE, to be applied to develop system and learning management process, to evaluate quality of learning management system through MOODLE, and to study on efficiency of learning management system through MOODLE. Consequently, practices on development of e-learning process through Moodle would be obtained as the guidelines for proper learning management.

The results revealed that this research on students' satisfaction study in e-learning through Moodle system of the Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University, was conducted in the form of quantitative research. The sample group was obtained by using quota sampling. Research tool was questionnaire. Data were analyzed by using percentage, mean, Standard Deviation, and Multivariate Analysis of Variance in order to find students' satisfaction. In e-learning through Moodle, programs were used for managing instruction whereas software operating system was used for developing personnel and computer technical officers who performed instructional duties or worked as teaching assistants to make instruction consistent with operations rapidly.

**Keywords:** learning management system, course management system, e-learning, Moodle

## INTRODUCTION

Currently, eLearning is accepted as the important mechanism that supports and promotes instructional efficiency of students. Started at present time, it will become necessary thing in the upcoming future unavoidably. This can be seen clearly from e-governing pioneer of the government and production of lessons for using in schools under Lab Schools Project because computer network system will accelerate communication. Especially, when it is applied to education, it will enable students to access knowledge sources and obtain abilities on self-directed learning rapidly and efficiently. Moreover, it can interact with Student-Centered Learning enabling students to control self-directed learning while supporting anyone anywhere-anytime learning excellently (Somphan Charnsilpa. 2005).

As a result, the researcher was interested in creating questionnaire on students' satisfaction towards e-learning through Moodle of Faculty of Fine and Applied Arts, Suan Sunandha

Rajabhat University, for developing system and learning management process in various operations. Consequently, students obtained class learning along with web-based instruction. It was believed that this integrated learning would enable students to obtain the most efficient learning and access information. Moreover, it could achieve the objective on development of working process that could be utilized based on demands and information accessibility through the system efficiently. In addition, it also enhanced potential to be consistent with goals, vision, missions, and strategies of Suan Sunandha Rajabhat University.

## **OBJECTIVES**

1. To create course for instructional system through MOODLE.
2. To be applied for developing system and learning management process.
3. to evaluate quality of learning management system through MOODLE.
4. to study on efficiency of learning management system through MOODLE.

## **METHODOLOGY**

Research tool used in this research was questionnaire created by the researcher to maintain students' satisfaction towards e-learning through Moodle of Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University, consisted of both close-ended questions and open-ended questions. It was used as the tool for collecting data before analyzing by using descriptive statistics and inferential statistics. Questionnaire's contents were ordered to cover all demanded data.

## **DATA COLLECTION**

To collect data, there were 2 parts of data sources including:

1. Collect data by distributing and collecting data from 301 samples from 7 fields based on defined proportion.
2. Check completeness of questionnaire before recording data by using statistical package.

## **DATA ANALYSIS**

The researcher encoded data obtained from questionnaire before processing with software package.

## **RESULTS**

Online learning is learning via internet in the form of learning management that could be learned via internet. It combines application of new technology with internet network for building education with high quality interaction without mobility. It gives convenience and rapid accessibility at any time and any place. Consequently, students can attend class by themselves easily and chose learning as preferred. For contents, they consisted of messages,

photos, audio, VDO, and Multimedia. These things will be directly sent to students via Web Browser whereas students, teachers, and all classmates will be able to communicate, consult, and exchange their opinions as same as those happened in general classrooms but these things will be sent via E-mail, Chat, Social Network, etc. With this reason, online learning is suitable for everyone and it can be learned at any time helping to improve operational efficiency while facilitating learning management of teachers and students with higher level of correctness, convenience, rapidity, and flexibility. Data processing, collection, and distribution can be done rapidly and timely helping to reduce procedures giving more operational efficiency.

Currently, online lessons are extensively preferred because there are several advantages for teachers and students. In addition, it also promotes both formal and informal education. Moodle is a kind of tool supporting web-based learning management that can be used easily and meets with demands of users during COVID-19 pandemic. It can be said that students' factors are the most important things for consideration.

### **RECOMMENDATIONS**

Currently, online lessons are extensively preferred because it gives many advantages to teachers and students. In addition, it also promotes both formal and information education. Moodle is a kind of tool supporting web-based learning management that can be used easily and meets with demands of users at the highest level. Several types of media presented on website included messages, slides, motion pictures, audio, and VDO. This would help to stimulate interest on learning of students and visualize contents more easily.

This study is considered as the process to provide perception and experiences with the aim to make people have intellectual growth for working and developing country. As a result, it is necessary for education to have systematic management with clear goals to develop human quality. Therefore, learning management is compared as a kind of tool promoting students to reach their goals, i.e., success in life, by considering on important companion of learning management including teachers, learning activities management, curriculums, measurement and evaluation, and supporting factors of instruction, etc. Suan Sunandha Rajabhat University provides learning in higher education with consecutively efficient learning management that is consistent with qualifications framework as defined by the Higher Education Commission. As a result, this research emphasized on studying on students satisfaction towards learning management of Suan Sunandha Rajabhat University as the guidelines for improving and developing learning management of Suan Sunandha Rajabhat University to be more efficiently (Dr. Orawan Riewthong,2019)

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