

	AENSI Journals Australian Journal of Basic and Applied Sciences ISSN:1991-8178	
Journal home page: www.ajbasweb.com		

The Relations Between The Delone And Mclean Model With Application Usage Of Emis Success In School

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ARTICLE INFO

Article history:

Received 25 January 2014

Received in revised form 12

March 2014

Accepted 14 April 2014

Available online 25 April 2014

Keywords:

Education Management Information System (EMIS), System Information, Application Information System.

ABSTRACT

This early study is an effort to find out the extent of usage of Management Information System Education (EMIS) in school. In this research, the success in terms of usage of Management Information System Education (EMIS) is seen from the benefits to the organization itself. Meanwhile, the design of this research is a correlation of descriptive and quantitative data collected by using Inquisition of. This study method complied with an overview that used random sampling techniques. This study was done in the Federal Territory of Kuala Lumpur, which involved 93 data teachers as respondents. The Study Instrument Model was adopted from the User Satisfaction (US) model in the form of Inquisition of. The finding showed that, there were significant relationships between power management system, management administrator style, understanding users, users involvement, problem and satisfaction with the success of application usage of Management Information System (EMIS). Multiple Regression Analysis (stepwise) showed that three of the seven factors assessed bring a significant user contribution of the success application in school. Therefore, based on EMIS studied, one model called "Information Systems Success : EMIS" is to propose in order to understand the success of EMIS usage research in school.

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To Cite This Article: Mohd Faizal Md Karim, Muhammad Ibrahim, Sulaiman Sarkawi., The Relations Between The Delone And Mclean Model With Application Usage Of Emis Success In School. *Aust. J. Basic & Appl. Sci.*, 8(5): 181-183, 2014

INTRODUCTION

The Ministry of Education Malaysia (MOE) especially Department of Education Planning, Research and Development (EPRD) has been running data collection process education directly from the schools in all countries or through State Education Department (SED) or State Education Office (SEO). There are some disadvantages string on the method/system that is used since project data collection run various steps renewal/investigation/usability improvements made to the method/system education data collection. The only data collection method that the more popular method is using the quote application Information System Education students (EMIS).

EMIS is the abbreviation for education management information system. It is a system which possess, a deliberate and being tended to collect, process, store, remove and spreading data and information are required to support manager main activities and decision-makers in the Ministry of Education Malaysia(MOE), State Education Department(SED), State Education Office (SEO) and schools. This activity including administration, design, detection, control project and the implementation of the program, the investigation, analysis, basic formulation and communication in stages regional and global Markhaini (2003).

Education Management Information System (EMIS) is on line which is applied in the school is examined to know the relation and influence some factors such as understanding about EMIS, strength EMIS, the benefits from the use EMIS management style and the administrator user, involvement and user satisfaction can determine success use of the system that information in the school.

Education Management Information System:

Education management information system (EMIS) realized aims to unification database, realize data set terrace, providing high quality, fully integrated information and is available for meeting the needs MOE information. There are 3 main objective implementation of EMIS is (i) ensure data and information education always relevant and can be used with more efficient and effective and could be trusted to support management

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needs and make decisions regarding basis. (ii) increase the capacity organization process and analyze information in a more effective way. (iii) increase the capacity organization effectively take care of the development source of MOE information, State Education Department (SED), State Education Office (SEO) and schools.

Problem Statement:

In the report System Information students (2000), Part System Information, MOE is proclaimed that users are still not fully use EMIS because of the lack of exercise and the process Hangs up workman information is caused by the system less stable. In the report that there are also lists five aspects or the problems facing exercise which was the place that is not appropriate, the user less confident with the ability and interests, EMIS coordinator that less understand about the task they felt depressed, coordinator with additional tasks and interchange problem or movement teacher who often.

The Framework Concept Studies:

The Study using this theory ' User Information Satisfaction' (UIS) or 'User Satisfaction' (US) that was introduced by Bailey and Pearson (1983) stated that user satisfaction factors can be used to determine the use of the system information based on your computer. DeLone and McLean (1992,2003) generates a model based on this theory. According to this model, there are seven factors which is quality, quality system information, use information, quality service, user satisfaction, the benefits to the individuals, and the benefit to the organization can be used to determine the use success system information.

Objective:

This study objective is to determine stage EMIS success application usage in schools according to view EMIS user. Objective this study special adaptation model of User Satisfaction (1992,2003):

- i. Determine whether there are significant relationships between the forces EMIS, understanding user about EMIS school management, power, the problems facing current user implementation of EMIS, involvement, and user satisfaction with success use EMIS.
- ii. Determine whether or not quality factors, quality system output, quality service, style school management, understanding user issues, implementation, user involvement and user satisfaction is familiar to success use EMIS.

Methodology:

Azizi Yahaya et al (2007), sample selection is one aspect that is very important in making an investigation. Selection samples should represent the population in order to gain study can be generalized according to. According to Mohamad Najib (1999), if the population is too large, the selection samples at random is encouraged by using a specific method. By that in this study at random sampling is used.

The schools in the Federal Territory of Kuala Lumpur has been selected at random. Data from each school teachers become respondents. As many as 93 teachers have been selected by random data in this study.

RESULT AND DISCUSSION

H₀₁ . There is no significant relationships between the forces with the successful use of EMIS.

Study show there are significant relationships between the strength with the successful use of EMIS. Level relationship between strength and the success of use EMIS is positive and simple. Study show significant relationships between quality system with success use EMIS ($r = .51, p < .05$), quality output with success use EMIS ($r = .40, p < .05$), and quality service with success use EMIS ($r = .37, p < .05$).

H₀₂ . There is no significant relationships between management style administrator with the successful use of EMIS.

Study show in its entirety, there is a relationship between a significant management style administrator with the successful use of EMIS ($r = .40, p < .00$).

H₀₃ . There is no significant relationships between the problems facing during implementation of EMIS with the successful use of EMIS.

Study show there are significant relationships between the problems facing the implementation of current EMIS with the successful use of EMIS ($r = -.35, p < .05$). Level of relationships between the problems facing current success implementation of EMIS with EMIS use is negative, shows that the relationship between the two predictor variables is inverse. This means that when the problems facing current stage implementation of low and high-level success use EMIS and vice versa.

H₀₄ . There is no significant relationships between user involvement with the successful use of EMIS.

Found there is a relationship between a significant user involvement with the successful use of EMIS ($r = .70, p < .05$). Level relationship is positive and high.

H₀₅ . There is no significant relationships between user satisfaction with the successful use of EMIS.

Found there are significant relationships between user satisfaction with the successful use of EMIS ($r = .69$, $p < .05$).

H₀₆ . Factors, quality system quality output, quality service, style, school management issues, implementation of user involvement and satisfaction significant user is not predictor variables to the successful use of EMIS.

Found three of the seven predictor variables who are examined can contribute significantly to the successful use of EMIS which is user satisfaction, user involvement and the problems facing during implementation of EMIS. Predictor variables such as quality, quality system output, quality, and service management style administrator is found is not significant and are forced to set apart from this model.

Conclusion:

This study focus on dependent variable use in the successful use of EMIS. In this study, the clue success use EMIS perspective is seen from benefits to the individual. This study with different removable studies who has travelled made of them by an Alter (1999), Lee and Lee (2000), Jones and Hughes (2001) that have no more comprehensive study. Many only examine some independent variable only.

Aspects of the relationship between predictor variables is examined in this study found that there is a relationship between the problems facing current success implementation of EMIS with the successful use of EMIS and there is a relationship between user involvement with the successful use of EMIS . There are also significant relationships between user satisfaction with the successful use of EMIS.

In addition, found there is no significant relationships in terms of quality, quality system output, quality and service management style EMIS with the successful use of EMIS. Three of the seven factors assessed to contribute a significant to success use EMIS which is the problem facing, user involvement and user satisfaction.

Model Successful Use of Emis:

In Chart two showed backup success usage model EMIS in the school. Chart two shows success usage model EMIS studies early in the school after running. Seven environment variable which is familiar system quality, output quality, quality service, the problem during the implementation, management style, user involvement and user satisfaction.

Multiple regression model to see this study, found three of the seven factors which is the problem facing the conduct current user involvement, and user satisfaction is a significant contributor factor to success use EMIS in the school.

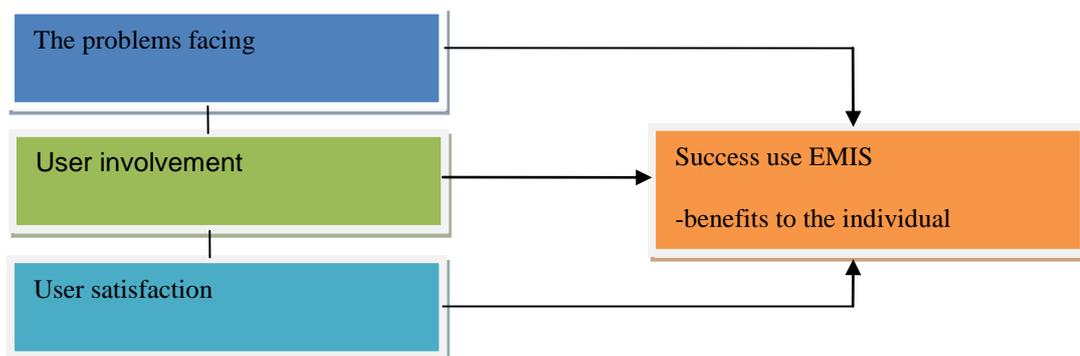


Chart. 1: MODEL SUCCESSFUL USE of EMIS

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