ABSTRACT

Thesis Title	: An Analysis of Information Management System for	
	the Stock Exchange of Thailand Library	
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The purpose of this research was to analyse the information management system for the Stock Exchange of Thailand (SET) Library. The results of the analysis for the information management system were studied by comparing the satisfaction and the expectation of the subjects in using information services of the SET Library. The research was conducted in two parts. The first part studied and analysed the current system, the design of data flow diagram for information management system, while the second part was the collection of the opinions from questionaires concerned with the information system types, the status of the users, the information seeking, the satisfaction and the expectation of the variety of information resources. 297 questionaries were randomly distributed among users and 91.58% or 272 returned. The $SPSS^{+}$ was used to analyse all statistical parameters including percentage, mean and standard deviation. Analysis of variance and t-dependent test were also used for hypothesis testing. The experts in information management and information system were also interviewed for the

study in order to obtain the appropriate criterion for logical information management design of the SET Library.

The results of the study found that the information management system for services of the SET's Library comprised 2 major systems : 6 types of automated system and 6 types of manual system. Most of the informaiton users were graduate and undergraduate students, SET's staffs and brokerage employees respectively. Most of the information resources usage were from books, listed companies documents and Public SIMS. The users were usually provided the information seeking by the librarians. The survey results also revealed a significant difference between the expectation and the satisfaction of the users. The expectation of the users was found to be high, while the satisfaction of the users was found to be only moderate. A number of recommendations can be made based on the findings of this research survey are : the available services area in the library should be increased in size, the range and number of books should be increased regularly and the number of computer terminals should also be increased to provide greater access to the SET library computerized databases. However, there were positive feedback on the services offered by the SET librarians.

There should be some development on the logical design of the library information management system of information services, information access, information retrieval, traditional and technological resources. The SET INTERNET-based information services should be urgently developed. The quality of the information services offered by the SET library, in terms of reliability and the actual data provided, was also found to be highly accepted by the users.