

ABSTRACT

United Siam Bank is a commercial bank in Thailand. It has many subsidiaries to provide financial services to customers. The financial services are deposit, loan, and foreign currency exchange and the bank must maintain these services. Not only that, the bank has many departments that provide a lot of processes to maintain the information on accounting, asset (land, building and equipment) and personal information process. Therefore, this project is to develop the effective informaton system to facilitate those processes.

The existing Fixed Asset Information System is based on a manual and posted into computerized system. Most of data are stored on paper, while some parts are kept in the Microsoft Excel, and stored in the file. The existing system requires many officers to key data and maintain the system to send it into other systems.

The new computerized system is developed to improve the business process in function of the asset registration and to solve the problems occurring in the existing system. Currently, asset system is improved to maintain data redundancy that occurs when data is updated, deleted, and added by each branch. The Officers spend more time checking data correctly. In addition, the information is send between branches more quickly. The new system consists of the clients and a server connected by LAN and implements on the custom solution. By the computerized system, the number of staff required would be reduced. The new system will solve the problems of legacy system, and increase throughput in operating function. The cost analysis of the computerized system is determined by using payback method and the break-even methodology. The cost of legacy system and the computerized system will be equal in 8 months' operation and then the accumulating cost of computerized system will be lower.