ABSTRACT

Assumption University is one of the most famous universities in Thailand. The university was formally established in June 1972 in the name of Assumption Business Administration College or ABAC. It is located at Ramkhamhaeng 24 Rd., Huamark, Bangkapi, Bangkok 10240 Thailand.

The Asset Management System is a manual process. This system was once redesigned and operated as a computerized system but it was not successful. The reason why the system has to be redesigned again, this time, is because of the great volume of the asset and is preparing for the new campus at Bang Na. The existing system encounters many problems such as long processing time, late delivered report, and so on. The proposed system introduces the barcode technology so as to facilitate the overall processes and to reduce human error in data entry process.

The new system is developed by using top-down structured analysis and design technique. To maximize the investment, all existing hardware and software are determined and evaluated for the system utilization. The proposed system provides accuracy, to timely, and complete information needed for management and other users.