

Thesis title: The Development of Inventory Database: A Case of Rajamangala Institute of Technology, Khon Kaen Campus

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ABSTRACT

This study aimed to develop an inventory control database of the Supply Department, Rajamangala Institute of Technology, Khon Kaen Campus. The database was needed to replace the manual system, of which paper documents, reports and files had to be kept track.

The system development life cycle methodology was used in this research. The preliminary study focused on existing problems about inventory control. The analysis and design of a new system were carried out accordingly. The tools used for system development were the PHP and MYSQL database management system. After the system testing and installation, five officers in the Supply Department at Rajamangala Institute of Technology, Khon Kaen Campus were asked to evaluate the entire system. .

The result showed that the new database system could be used for inventory control and management, which included storage of the materials and equipment, stock recording, dispersing, maintaining and discarding. The evaluators found the system to be moderately suitable for the Department.

Keywords: Database System, Inventory Control System