

ABSTRACT

Human resource department is a vital department in almost every organization. The current system of Durbell Co., Ltd. is manual. Most data are stored on papers, while some parts are kept in Microsoft Excel, and stored in the file server. Each branch has its own staff to manage the human resource process. There are some problems in the organization with high error rates, data redundancy, and require many administrative staffs to maintain the system. The existing system is studied and analyzed using the data flow diagrams as a structured tool. The new system is developed to solve the current problems and support the decision making at the management level.

The proposed system is a database system which is connected to a limited area as the intranet that connects every branch to use the same database or the data centralization system. In this project, it includes system specification, system design, hardware and software requirement, security and control of the proposed system in order to support the decision making of this system

The proposed system will be implemented after the process of analysis and design. It includes the testing of the whole system, installation both hardware and software, Training users and conversion from the current system to the proposed system.

After evaluation of the proposed system, it was found that the performance of the proposed system takes less time than the current system and brings the benefits to the organization in several ways such as reduce the data redundancy, human error and increase the performance of management.