ABSTRACT

Human Resource Department is known as an important department in the company like TT&T Public Co., Ltd. with the responsibility to provide the maintenance and storing of all employee records in the whole organization. Both manual and stand-alone information system are used to manage all data so there are some occurring problems in the existing system such as high error rates, data redundancy, and minimum data sharing while the company needs reliable, timely, and accurate information.

The result of primary study clearly represent that the most current problems concern with Time Management functions. Therefore, the field of study pointed views on Time Management that can be classified as working time and shift schedule management, working time and leave approval, and report generating. The data flow diagram is the structure tool to use in studying, analyzing, and designing the new centralized database system that works on Internet Computing Network to solve the current problems and support decision making at management level.

The new proposed Information System will be developed to replace the manual and existing computerized information system with Intranet System. All data are kept in the database server, Microsoft SQL Server 2000, and are accessed through the Web server, Microsoft Internet Information Services 5.0 on Microsoft Windows 2000 Server. The user interfaces are implemented on Web browser, Microsoft Internet Explorer 6.0. It will reduce the number of administrative staffs, solve the problem of the existing system and decrease the high maintenance cost.