

ABSTRACT

This project presents planning the criminal data warehouse of Kwaeng Court. Data warehousing is a new way of database technology system. It makes the development of capabilities to handle large volumes of data and statistics efficiently and provides the data integration and the conversion tools so that improving and designing legal information for on-line analytical processing through all of courts in Thailand.

Nowadays Courts of Justice have been facing data chaos and legal data warehouse is becoming more important in this organization for supporting any legal data and statistics system for leaders to analyze and make decisions on judicial strategic plans.

The study of this project begins with presenting the existing system of Kwaeng Court and analyzing the weak points of the criminal information system. After that the project defines the types and kinds of criminal data and statistics of Kwaeng Court that are strongly required for the administrators. As for gathering these legal information need, the project also has gained widely in the concepts of quality improvement and discussed the statistical methods in making quality for legal information system management. In the aspects of planning the warehouse system, the project shows each step of developing the criminal data warehouse and establish its development processes.

The project believes that legal data warehousing is the effective method for developing the decision support system and the analytical information system of Courts of Justice so that judicial administrators can apply any legal information in analyzing the situations and decision on plans.