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Managing Social Security Data in the Web 2.0 Era

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ABSTRACT

Social security data management is an important topic both in application of information management and in social security management. In the Web 2.0 era, more and more human information and healthcare information is released to the Internet through various approaches. This abundance makes managing social security data go beyond managing conventional social security database records. How to organize the conventional records together with the related information gathered from the Web is an interesting problem to solve to provide more convenient and powerful social security information service. In this paper, we introduce our initial work on building a Web-oriented social security information system named i-SSIS. I-SSIS is a database system which adopts a new object-role data model named INM model and deploys INM database system as its core. With the assistance of auxiliary tools to carry out social security information extraction, analyzing and query, i-SSIS can properly provide social security-related information gathered from the Web. We introduce the basic ideas of designing i-SSIS and describe the architecture and major components of the system.

KEYWORDS

Human Resource Management; Social Security; Data Management; Information System

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