

39. WEB-BASED DECISION SUPPORT SYSTEM FOR CONTRACT PLANNING

candidate of engineering sciences, associate professor Hrybkov S.V., PhD student Oliinyk H.V., NUFT, Kyiv

The production activities of enterprises operating in the field of providing information services and protecting confidential information depend to a large extent on the organization of contract planning.

The authors are developing a web-based decision support system (DSS) in planning the implementation of contracts for enterprises whose activities are related to the provision of services. The system should provide the ability to solve the main tasks of decision making in planning, as well as their support for necessary information in any place where there is access to the Internet. In the development of this DSS, the software implementation of the proposed algorithm is used.

The created DSS has a client-server architecture, it integrates with existing information systems in the enterprise and includes the following components: data loading tools, DW (data warehouse), server software, user tools.

Data sources for DW are the database of the contractual information management system and the electronic tables of the logistics department. Close integration and connection of the created DSS with the existing information carriers at the enterprise ensures the adequacy and reliability of information support to support the adoption of managerial decisions in the formation of the contract implementation plan.

Developed DSS solves these problems and allows you to focus on the analysis, evaluation and selection of the best option, performing all the preparatory activities and forming ready-made solutions.