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**ANALYSIS OF SOME DOMESTIC INFORMATIONAL AND ANALYTICAL WEB-ORIENTED SYSTEMS OF MANAGEMENT BY EDUCATIONAL PROCESS IN HIGHER SCHOOLS**

The relevance of the material presented in the article, due to the pressing needs of modern information society in fast access to the analytical information of any level of different categories of users, and in creating the necessary conditions that will ensure good design and proper implementation of information-analytical Web-oriented control systems of educational process in higher education institutions of Ukraine. In this publication lists some of the most famous national automated information and analytical systems, developers of which are private commercial entities and teams of faculty and staff research and educational institutions that have declared themselves on the educational market as a developer of software for the optimization of management processes in higher education institutions.

The article discusses the advantages and disadvantages of operating such systems, depending on the level of development and application. Comparative characteristics of the functioning of some of the structural components of the informational-analytical Web-oriented systems of management of the educational process that are embedded in the activities of the faculty of physics and mathematics, Zhytomyr state University named Ivan Franko, and outlines the basic principles of their work. Define the theoretical and practical foundations for the design of modern information-analytical Web-oriented system of learning management, which will contribute to the effective implementation of the model for control and optimization of the main activity of structural divisions of the University as a whole. In addition, the article presents information on the financial costs that occur in the design process and use of information and analytical Web-based systems management of the learning process depending on the category of developers, users and system administration. The publication outlines the key trends in the further development of such systems and the possibility of improving their quality, through the development of new modules and improvement of existing structural components, and develop mobile apps for this system as an effective means for rapid monitoring of the learning process, how students and teachers.

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