FUNCTIONAL ANALYSIS AND EVALUATION OF UNIVERSITY INFORMATION SYSTEMS AT THE "TODOR KABLESHKOV" UNIVERSITY OF TRANSPORT

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Abstract

The development of the university information systems has as its main purpose the coverage of the processes for providing the educational and scientific process, the administrative, the economic and other activities related to the work of the university. The overall process involved in conducting the training of the students includes the maintenance of a database of students and lecturers, which reflects on all the events during their stay at the university. This includes their personal data. In the case with the students, this is data related to the events of credentials, assessments, etc., and for the lecturers this is their workload in hours, committees, bachelor or master thesis defense, scientific reports, etc. Last but not least, there are additional commitments in business activities as well as technical maintenance of university buildings and facilities. In practice, it is very difficult and expensive to build and maintain only one single system that automates all processes. Generally, a basic information system is being developed, and many other parallel systems are integrated, which integrate and interact with each other. In this publication a functional analysis and evaluation of the implemented and used university information systems are developed for ensuring the processes at “Todor Kableskov” University of Transport, Bulgaria. Classification of these information systems has been made depending on their functionality and purpose. The
basic features and functional scope of the embedded information systems are also given.

**Keywords:** information system, university, enterprise resource planning, learning, scientific and business activities, website

**WORK CITED**

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Main website of "Todor Kableshkov" University of Transport, http://www.vtu.bg/
Unified information system of "Todor Kabelshkov" University of Transport, http://eisu.vtu.bg/

Electronic and Distance Learning System of "Todor Kabelshkov" University of Transport, http://moodle.vtu.bg/

Website of the electronic library catalog of "Todor Kabelshkov" University of Transport, http://e-lib.vtu.bg/

Corporate mail of "Todor Kabelshkov" University of Transport, http://mail.vtu.bg/