Installation and testing of server component of the information educational environment of the university on the LMS moodle platform

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Abstract

© Research India Publications 2015. The information educational environment (IEE) of the educational institution is a complex multilevel system and along with the program-methodical, organizational and cultural resources accumulates intellectual and technical potential of the university, the content and activity components of the learners and teachers. In practice, the formation of IEE is actually based on the creation of information technologies and their integration into existing educational environment of the institution. The management of this system is implemented through the dedicated equipment and software. For the successful formation and functioning of the IEE in this paper we consider software products that form the basis of an interactive and web of interaction between students, teachers and all participants of the educational process. Technical capabilities that are provided to users of IEE are analyzed, such as the Apache web server with connected modules PHP, MySQL, Java virtual machine and Red5 Server. The possibility of obtaining results from the interaction of these products, reports on the work of users in webinars, video conferences and web conferences are demonstrated.

Keywords

Information educational environment, Interactive communication, Testing performance of the network, Web conference, Webinar, Wired and wireless network