

Abstract:

Main topic of this thesis is evaluation of user interfaces of learning management systems (LMS). It is the users and their interaction with the system who are the focus of user interface design within the field of Human Computer Interaction (HCI), and that is why user experience was taken into account for interface evaluation. The aim of the thesis was proposition of function criteria field that reflect users' requirements on the system and that can therefore serve as a basis for partial LMS evaluation. Within the scope of HCI interdisciplinarity, we focused on technical-psychological view (computer - human), complemented by the field that reflects the very purpose of LMS – pedagogical process. We believe that combination of general function criteria, which can be applied to any system, and learning content criteria is crucial for LMS evaluation, together with criteria concerning distribution forms and work methods. Based on defined areas, LMS Unifor courses from 2012- 2014 period of time and LMS Moodle courses from 2015-2017 period of time were evaluated using qualitative and quantitative research methods. The output of the research is a set of function criteria, which we regard to be elementary and suggest to be taken into account when considering a LMS.