Investigating Attributes for Performing Quality Analytics in Web Learning Environment

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Authors:

Rohini Arora, Indu Chhabra

Abstract

Quality is directly connected with satisfaction of the user and one will satisfy providing the training surroundings which provides full technical, infrastructure support and interactive user interface. Quality Analytics is that the discovery and also the systematic machine analysis of knowledge statistics to search out meaningful patterns particularly valuable in areas wealthy with recorded information. Quality Analytics of web application surroundings evaluates the appliance supported varied relevant quality parameters like Business Qualities, Generic Qualities, System Qualities and Learner Response Qualities. These parameters should be targeted upon to style analytical pattern to watch the user behavior. If any of the web-based application fails to deliver these then it clearly reflects the compromise within the quality of the merchandise. ISO/IEC 19796-1 international customary focuses on quality management and assurance in e-Learning and it's also necessary to scrutinize and assess the results generated by various quality factors in dynamic net based environment. This paper proposes analytics based mostly technique to generate and monitor values of some vital quality factors. Effective assessment of those factors is useful in standardization the overall performance of dynamic net
based surroundings and the analytics make sure the user behavior towards the web application.

References


Index Terms

Computer Science  Information Sciences

Keywords
Quality Analytics, Quality Components, Web Environment, Information Process Model.