Abstract

The Quality of web applications are now prima focus. As most of the transactions like e-commerce, banking and e-governance are done on the internet, having a web application to be with quality factors and secure is now the need. It has been found that aesthetic factors are decisive in deciding the quality of web application. In this paper we have surveyed various quality factors of web applications and have empirically analyzed web applications. The paper also proposes an automatic tool to calculate the quality and aesthetic factors of web application.

References

- Luis Olsina1, Gustavo Rossi, (2003), A Quantitative Method for Quality Evaluation of Web Sites and Applications
- G. Brajnik, "Towards Valid Quality Models for Websites", in 7th Conference onHuman
Empirical and Automated Analysis of Web Applications

- Z. Li, J. Li and X. Li, “A Study on Website Operation Efficiency Evaluation: Based on DEA Model”, in Management and Service Science (MASS ’09), also in International Conference on, Sept 2009, pp 1 – 6.
- Arnheim, R. 1983 Art and visual perception: A psychology of the creative eye. Los Angeles, University of California Press.

Index Terms

Computer Science
Information Sciences
Keywords
Empirical Analysis  Automated Analysis  Quality Models  Web Applications