Abstract

The usability plays an important role in success or failure of the quality of software system. Object-oriented technology showed its importance to develop usable and efficient software system. There is a lack of usability models based on object-oriented technology as well as few efforts have done to evaluate usability qualitatively. This paper proposes a usability model for object-oriented system and evaluates the qualitative nature of this model. Evaluation is done by using fuzzy evaluation and AHP method. Results show that the qualitative nature of proposed model is better than the existing usability model.
Analytical Evaluation of Usability of Object Oriented Software System

- Jing, C., Xuyan, L. 2009 "Software Maintainability Metrics Based on the Index System and Fuzzy Method", 1st International Conference on Science and Engineering, IEE.
- ISO/IEC 9126-1, 2001 "Institute of Electrical and Electronics Engineers, Part 1, 2, 3" Quality model.
- www.codeSWAT.com, Accessed date: 13rd June 2012

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Keywords

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