Considerations in Software Quality Enhancement for Value Based Systems

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ABSTRACT

Software quality assurance plays an important role to check the overall quality of the software product especially when a product is a value based system. So to meet this quality the valuable software product or product line is tested under strict circumstances to meet the minimum constraints of software quality. This paper focuses on stakeholders, requirements engineering, different testing techniques being applied in software professional environment, the issues and current trends to resolve the requirements problems for continuous software quality improvement. This paper presents the criticality of stakeholders, requirements and software testing techniques for software professionals in terms of quality assurance. A model is proposed in order to achieve a high quality value based software application. There is the dire need to integrate stakeholders, requirements and testing in order to evaluate the performance and quality of a value based system (9 pt).