Software Quality Problems in Requirement Engineering and Proposed Solutions for an Organization in Mauritius

Abstract

Requirement engineering is traditionally the first step carried out in any software project, precisely requirement elicitation followed by the requirements specification documentation. It is the requirements that principally dictate how the software should be designed and implemented. Consequently, failing to capture the right requirements in a clear and unambiguous manner become a challenge in the field of software development. The impact is directly felt in the quality of the software produced. This paper analyzes the software quality problems related with requirement engineering and the associated challenges with respect to a software company situated in Mauritius. In order to alleviate the problems, solutions have been proposed to overcome the difficulties encountered and hence enhance software quality.

References

of the Int. Conf. on Soft. Eng. (ICSE), pages 35–46.

Index Terms

Computer Science
Software Engineering

Keywords

Requirement Engineering, Software Quality, Requirement Engineers, Software Requirements, Requirement Inspection.