

Situational Requirement Method System: Knowledge Management in Business Support

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Abstract

Software developers have been successfully tailoring software development methods according to the project situation and more so in small scale software development organizations. There is a need to propagate this knowledge to other developers who may be facing the same project situation so that they can benefit from other people's experiences. In this paper, the use of situational method engineering in the requirement elicitation phase is explored. A new, user-friendly and progressive web-based tool, the Situational Requirement Method System (SRMS), for the requirement elicitation phase is developed that can assist in the creation, storage, and extraction of methods related to this phase. These methods are categorized according to some criteria. This categorization also helps in searching for a method which will be most appropriate in a given situation. This approach and tool can also be used for other software development activities.