Validating the Applicability of Agile Requirement Generation Model

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Abstract

We all know that agile methodology for software development is an alternative to waterfall methodology for software development. In today’s scenario, agile methods have caught the attention of software engineers worldwide. The reasons of this popularity are its iterative nature, quick delivery of software, face to face communication, less need of lengthy documentation etc. Agile methods focus on accommodating change even late in the development lifecycle. Though agile method are successfully applied on small softwares (whose development periods are less than 1-2 years), the main issue comes when someone want to apply agile methodology on large systems (development period greater than 2 years). One of the most important issues in the development of larger scale complex systems is accommodating changes to requirements. Someone proposed a soft-structured framework which combines the principles of agile and conventional software development that solves the issue of rapidly changing requirements for larger scale systems. The framework consists of two parts. First one is a soft structured requirements gathering approach that reflects the agile philosophy i.e. the Agile Requirements Generation Model and second one is a tailored development process that can be applied to either small or larger scale systems. The main work is to validate the applicability of the Agile RGM. So this paper validates the applicability of agile requirement generation model with the help of a project.
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References

- http://en.wikipedia.org/wiki/Methodology

Index Terms

Computer Science  Software Engineering

Keywords

Agile Software Development  Agile requirement generation model  Use cases  UML