Issues in Adopting Agile Methodologies in Global and Local Software Development: A Systematic Literature Review Protocol with Preliminary Results

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 160
Number 7

Year of Publication: 2017

Authors:
Fawad Ghafoor, Ibrar Ali Shah, Nasir Rashid

Abstract

Software Development companies are adopting agile methodologies in globally software development (GSD) as well as local software development (LSD). Beside the extensive benefits that agile methods offer to GSD and LSD, it also possesses a number of critical issues to both environments during the whole course of software development life cycle (SDLC). This paper presents our contribution in constructing a systematic literature review (SLR) protocol for exploring the critical issues in GSD and LSD environment. The desired outcome of the SLR protocol will be a group of critical risk factors/issues and their concerned practices that will be helpful for vendors to avoid these issues while adopting agile principles in GSD and LSD. This paper also presents the preliminary results of our SLR protocol.

References

5. Jammalamadaka, Kiran, and V. Rama Krishna. "AGILE SOFTWARE DEVELOPMENT AND CHALLENGES."

Index Terms

Computer Science

Software Engineering

Keywords
Agile Global Software Development (AGSD), Global Software Engineering (GSE), Agile Local Software Development (AGSD), Systematic Literature Review (SLR).