Proposal of Tailored Extreme Programming Model for Small Projects

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

Volume 171
Number 7

Year of Publication: 2017

Authors:
Faiza Anwer, Shabib Aftab, Iftikhar Ali

10.5120/ijca2017915112

Abstract

Extreme Programming is a well-known agile process model that can fulfill the needs of today's software industry. It is suitable for small to medium scale projects. Its strength lies in its practices that are applied in extreme manner to get the best results. However, in some scenarios these practices overburden the software development process. In small scale projects where requirements are almost stable and no detailed design and planning activity is required, the overall structure and some of XP practices require extra effort and cause unnecessary delay in project completion. Practices like on-site customer, continuous testing and continuous integration can be a hurdle in timely completion of small projects. To overcome these problems a modified form of Extreme Programming model called Tailored Extreme Programming (TXP) is presented in this research that can be applied to small scale projects to make the development process effective and efficient.

References


Index Terms

Computer Science Information Sciences

Keywords

Extreme Programming, Modified XP, Tailored XP, Customized XP, XP for small projects, TXP