Abstract

In a distributed software development environment, software projects are geographically distributed with minimal face-to-face interaction between team members. Recent software functions are delegated to popular open source software projects: examples like Mozilla Firefox, Google Chromium, Android and the Apache OpenOffice Suite, etc. So the managers must know how to perform distributed projects and its team. Most of software risk management is done throughout the whole project from inception to commissioning. The aim of this study is to understand the need for the risk assessment and management based on deliverable for both agile and traditional methods of software development process. In this study, the authors propose a model, where the protective risk analysis can be done based on the deliverables, so that require mitigations can be provided. Mitigation factors can be also based on the seriousness of the deliverable.
A Preventive Risk Analysis for Managing Distributed Software Projects based on Deliverable


Index Terms

Computer Science
Software Engineering
Keywords
Distributed environments  risk factors  deliverables