Abstract

Agile methodology such as Scrum, Extreme Programming (XP), Feature Driven Development (FDD) and the Dynamic System Development Method (DSDM) have gained enough recognition as efficient development process by delivering software fast even under the time constrains. However, like other agile methods DSDM has been criticized because of unavailability of security element in its four phases. In order to have a deeper look into the matter and discover more about the reality, we conducted a literature review. Our findings highlight that, in its current form, the DSDM does not support developing secure software. Although, there are a few researches on this topic about Scrum, XP and FDD but, based on our findings, there is no research on developing secure software using DSDM. Thus, in our future work we intend to propose enhanced DSDM that will cater the security aspects in software development.
A Review on Software Development Security Engineering using Dynamic System Method (DSDM)

References

- C. Alberts, J. Allen, R. Stoddard. 2011. Risk-based measurement and analysis: Application to software security. Software Engineering Institute, Carnegie Mellon University,
A Review on Software Development Security Engineering using Dynamic System Method (DSDM)


Index Terms

Computer Science Software Engineering
Keywords
Agile Development  Software Security  Software Engineering  Dynamic System Development Method

DSDM