Abstract

In agile Requirement Engineering Techniques handling of non-functional requirements is ill defined. Customers or users talking about what they want the system to do normally do not think about resources, and other quality attributes. [1] This paper provides a solution to requirements related issues in agile environment and proposes an approach which integrates four layered approach to NFR with Agile Requirement Engineering that is helpful to improve requirement analysis process which would help in the prioritization of user stories. It also describes in detail the factors that could be considered for prioritization of user stories.

References

Assimilation of Four Layered Approach to NFR in Agile Requirement Engineering

- Frauke Paetsch, Dr. Armin Eberlein, Dr. Frank Maurer, "Requirements Engineering and Agile Software Development," Proceedings of the Twelfth IEEE International Workshops on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE’03)

  - R. S Harirs and M. Cohn, "Incorporating Learning and expected cost of Change in Prioritizing Features on Agile Projects," Proc. XP 2006, pp. 175-180

Index Terms

Computer Science  Software Engineering
Keywords

Nonfunctional requirement  agile  requirement engineering  user stories