Abstract

Agile is a nothing but different way of managing IT development players and software projects. Various Agile methodologies are scrum, xp method, lean programming, and unified process. it is combining the philosophy of various process models and a set of development guidelines. This attitude encourages customer satisfaction, early incremental delivery of software small, highly motivated project teams. Agile development can provide important benefits, but due to some limitations its not applicable to all projects, product, people and all situations. Although Agile methodology is broadly accepted in software development. But its not suitable for undergraduate and small client based projects. In this paper, we present new hybrid agile method which combines philosophy of waterfall, iterative waterfall, Prototyper, spiral as well as pure agile. Then we applied it on small client based project and compare Results with other process model. We found some factors which are battered in hybrid agile like cost reduction, time for implementation, good customer satisfaction and clear risk identification.

References

- Efficiency of Spiral Model by applying Genetic Algorithm 1 Sachin Sharma, 2Anupriya
Improvements in Agile Model using Hybrid Theory for Software Development in Software Engineering


  - A meta model-based approach for customizing and assessing agile methods, 2012 Eighth International Conference on the Quality of Information and Communications Technology. Hajer Ayed, Benoît Vanderose and Naji Habra PReCISE Research Center University of Namur, Belgium.
  - Quality Assurance in Agile –A study towards achieving excellence Agile India 2012 Sonali Bhasin Nokia Siemens Networks, Gurgaon, India.
  - A Structured Framework for Assessing the "Goodness" of Agile Methods Shvetha Soundararajan and James D. Arthur Department of Computer Science Virginia Tech 2011 18th IEEE International Conference and Workshops on Engineering of Computer-Based Systems

Index Terms

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