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, Prototypr, 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.

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Index Terms

Computer Science
Software Engineering
**Keywords**

Software process model  agile model  Hybrid agile model.