



## THE SOFTWARE DEVELOPMENT OF ORGANIZATION ON AGILE METHODOLOGY

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### Abstract:

The basic requirement of Software development methodology is delivery, adaptation to requirements and feedback collection on required information. Agile software development is a group of software development methodologies that well promotes the development iterations, open collaboration, and process adaptability throughout the project. This paper includes performance analysis and comparison of agile methodology with traditional one.

However, when some projects are implemented in a business environment, there is often a lack of well established method of project management or skilled project implementers, so that methods can be used that were used in large organizations. A good project management method that can help with successful implementation could prove beneficial to many organizations of small and medium size. Agile project management has great potential to fill this role, and it was with this goal in mind that this research was conducted. This paper is a survey for all agile development methods and their comparison with simple software development methodologies. In this Paper there will be discussed about some agile methodology with respect to parameters of performance analysis and process estimation.



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### I. Introduction

In recent years, organizations have realized the very real value of Big Data. In order to preserve the competitive edge, we need to change the way we store and manage your data - but main problem is, how will we remain agile with the onset of information?

Agility means that the quality of being agile. These days, the web software industry and Mobile application development industry are searching for a better approach of software development. Conventional software development methods have the feature to completely close all the requirements process before analysis and design phases. Feasibility and compatibility of this process with all projects is very less. Agile methods have an advantage to allow developers, so that they can make late changes in the requirement specification document.

“Agile Software Development Manifesto” is presented as following:

- Individuals and interactions are done over processes and tools
- Working software over comprehensive documentation.
- Customer collaboration over contract negotiation
- Responding to change over following a plan

a) The communication between the individual who are in development team is very important, because

development centers are located at different places. The necessity of interaction between Individuals over tools and versions and processes is very important [1].

b) One objective of software development team is to continuous delivery of the working software for the customers. New releases must be produced for frequent intervals. The property of developers is that, they try to keep the code simple, straight forward and technically as advanced as possible and will try to decrease the documentation.

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