

Title of Article: Apply Agile Method for Improving the Efficiency of Software Development Project at VNG Company

Author(s): Q.T. Pham, A.U. Nguyun, **S. Misra**

Outlet: Lecture Notes in Computer Science

Date:

Abstract: Software engineering process (SEP) is more and more considered the key factor for any software company to create a better quality software with low costs and high productivity. However, there is a gap between theory and practice of applying modern SEP, such as agile method, for improving the efficiency of software project management, especially for software companies in a developing country like Vietnam. VNG Corporation, a software company in Vietnam with a lot of small and medium web based software projects, currently meets many difficulties in ensuring the success of these projects. The current approach for software development is no longer consistent with the increasing requirements and flexibilities of these projects and VNG is going to find a new method for improving the efficiency of their software projects. In this research, Agile method is applied and tested to check whether it can be a suitable method for VNG to overcome their problems in software development. Besides, a testing project based on Agile method is also conducted at VNG company to evaluate the solution. Results showed that Agile method can help to increase customers' satisfaction and it also helps to improve efficiency of project management by most KPIs.