A Review Study on Agility and Testing on Software Organisation

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Abstract:*In this paper was a review on study agility and testing processes in software organization we studied the differences in testing activities between software organizations which apply agile development methods and organizations which take the traditional plan-driven approach. Our focus was on the concepts which allow the software organization to successfully apply agile development methods or plan-driven methods. The agile software development movement brings both new energy and new hype to the software methods discussion. For this we have taken 12 organization units for observing a which organization unit uses best method this was done by several methods. Result and observation are recorded in this report.*

Keywords: Agility, Ground Theory, SCRUM, Empirical Study, Extreme Programming, etc.

REFERENCES

[1] Bertolino, A. 2007. Software Testing Research: Achievements, Challenges, Dreams. Future of Software Engineering, 2007 FOSE '07, 85-103

[2] Ambler, S. 2008. Agile Software Development at Scale. Balancing Agility and Formalism in Software Engineering, 5082, 1-12, Springer, Berlin. http://dx.doi.org/10.1007/978- 3-540-85279-7_

[3] Glaser, B. and Strauss, A.L., The Discovery of Grounded Theory: Strategies for Qualitative Research. Chicago: Aldine, 1967.

[4] Itkonen, J., Rautiainen, K. and Lassenius, C. 2005. Towards Understanding Quality Assurance in Agile Software Development. Proceedings of the International Conference on Agility (ICAM 2005), 201-207.

[5] Talby, D., Keren, A., Hazzan, O., and Dubinsky, Y. 2006. Agile Software Testing in a Large-Scale Project. Software

[6] Puleio, M. 2006. How Not to Do Agile Testing. Proceedings of AGILE 2006 Conference (AGILE'06)

[7] Strauss, A. and Corbin, J. 1990. Basics of Qualitative Research: Grounded Theory Procedures and Techniques, SAGE Publications, Newbury Park, CA.

[8] M. Wegmuller, J. P. von der Weid, P. Oberson, and N. Gisin, "High resolution fiber distributed measurements with coherent OFDR," in *Proc. ECOC'00*, 2000, paper 11.3.4, p. 109.

[9] ISO/IEC, ISO/IEC 15504-1, Information Technology - Process Assessment - Part 1: Concepts and Vocabulary, 2002

[10] Kari-Smolander/publication/220854534_A_study_on_agility_and_testing_processes_in_software_organizations

[11] Strauss, A. and Corbin, J. 1990. Basics of Qualitative Research: Grounded Theory Procedures and Techniques.

[12] TMMi Foundation, Test Maturity Model integration (TMMi) reference model, Version 2.0, 2009.