Multi-Dimensional Success Factors of Agile Software Development Projects

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Authors:
Nagy Ramadan Darwish
Nancy M. Rizk

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Abstract

This paper focuses on providing a multi-dimensional view of success factors in agile software development projects. This paper starts by surveying the literature for the success factors of agile software development projects. Therefore, it surveys the success factors that were published in research papers, articles, and technical reports related to actual agile projects. For facilitating the understanding of the success factors, the researchers classify them into five categories: organizational, people, process, project, and technical. In addition, the researchers classify the success factors into main success factors where each main success factor is decomposed into a set of sub success factors. This classification helps in reaching to a multi-dimensional view of success factors and makes them more applicable. Then, the researchers propose an approach for evaluating the adherence of these success factors in the agile projects. The proposed approach can be used to reveal the current state of the success factors as an introductory step to enhance their adherence.

References

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