

# Development of an agile model for ERP implementation at the textile industry in Indonesia study

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**Abstract** – Since ERP solution facilitates has changed in business environment and also has helped in supporting managerial level to make decision. Therefore, ERP system is important strategy for organization's survival. One of the critical issues that affect a successful ERP implementation is the implementation method. In previous research, it showed that many organizations had faced complexity when they were implementing ERP in order to meet their requirements. In other cases, the ERP systems are unable to provide solution which is a simplicity of the necessary business processes. The ERP implementation complexity is one of the factors that lead the failures. Thus, here, we intend to propose an agile approach to reduce complexity and eventually our intention is to improve ERP implementing to become more successful. In this study, we are employing a systematic literature review (SLR) approach to identify the principles factors of the agile methods for ERP implementation. In result of employing this SLR method, we found that agile values and principles are correlated in ERP implementation complexity.

**Keywords:** *Agile method, Agile model, ERP mplementation.*

## RQ

- Does agile methods can improve the quality of ERP implementation?
- What agile methods are currently used for ERP implementation in industry?

## I. INTRODUCTION