Adapting some Rules and Principles of TPS (Toyota Production System) to Software Development

Abstract

The Toyota Production System (TPS) has been widely studied and copied by various companies to improve several of their processes. However, many of them have not been successful due to the fact that only the tools and tactics have been focused and the core underlying principles have been overlooked. There are examples of a few companies which have achieved cost savings and operational efficiencies by applying the TPS principles. TPS principles have also had significant influence on lean software development. In this paper, we present the adoption and adaptation of the spirit behind some of the principles from TPS to the software development process in a mobile phone software development scenario.

References

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**Index Terms**

Computer Science  
Emerging Trends in Technology

**Keywords**

Software Development  
Toyota Production System  
Lean Software Development