Implementation of IT Project Management Control and Achieving the Control Objectives using Hybrid Extended Methodology

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Abstract

This paper looks into the various aspects and components of project management control with a view to identify a new methodology using a hybrid model to achieve control objectives. Classical approaches to project management control are explored. The best known methods of Project management are Waterfall 3 and Scrum methods 3. However in a real world scenario, neither of these methodologies may be the best fit. Hence with the help of empirical project data an attempt is made to analyze options and see how effective is a hybrid model in achieving optimal control.

To achieve this, additional control criteria like quality control and development of reusable components etc are used. The analysis is carried out using specific IT project implementation data of a medium size project. The project was implemented using standard Software Development Life Cycle (SDLC) techniques.

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Keywords

IT project management, Control objectives, Hybrid extended methodology, software development life cycle