Abstract

The development process for modern softwares has become a solid engineering paradigm rather than a social activity. In this regard the project management for software development has become one of the most leading areas of interest. An affective project management and development methodology can lead to successful high quality software. The effectiveness of
software project management is dependent on multi-disciplinary, inter-related factors including
the management of project scope, project time, project cost, project quality, project human
resource, project communication, project procurement and project integration. In this research
paper a critical review has been presented about the modern practices being under used for
software project management. The paper points out the different critical aspects of the software
project management causing high impacts on software development and on the society itself. A
large number of co-related project management aspects with their impacts have been critically
analyzed for further active research work for exposing new methodologies for managing the
project activities.

Reference

- Kloppenborg TJ, Opfer WA. Forty years of project management research: Trends,
- Crawford L. Global body of project management knowledge and standards. In: Pinto J,
- Crawford LH. Project management standards: The Value of Standards (DBA thesis)
Henley-on-Thames: Henley Management College/Brunel University, 2001.
- Cicmil, S., Cooke Davies, T., Crawford, L., and Richardson, K. (2009b) Exploring the
Complexity of Projects: Implications of Complexity Theory for Project Management Practice
Newtown Square, PA: PMI
- Crawford L, England, D. Mapping the links between project management and systems.
Project Management Institute, Inc.
behind the facade.’ ephemera: theory and politics in organization, 9(2) pp. 78-92.
discourse and self-identity’, in in Hodgson D.and Cicmil S. (eds.) Making Projects Critical,
London: Palgrave
and Project Management, Organization, 12 (1), 51-68
leadership perspectives in project research’. International Journal of Project Organisation and
Management, 1 (3) pp. 285-308.
processual-relational perspective on problems with information sharing in project environments’,
International Journal of Knowledge
Making 'the Project' a Reality’, Journal of Management Studies 44 (3), pp.431-450
- White D, Fortune J. Current practice in project management – an empirical study. Int J
Critical Aspects of Project Management Causing Major Impacts on Software Development

Index Terms

Computer Science

Project Management

Key words

Software Project Management

Critical Aspects of Project Management

Roles of

Project Manager

Project Management

Software Development