Empirical Analysis by Examining Critical Success Factors for Project 
Success during Software Development: Case of Indian Software 
Development Companies

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ABSTRACT
This paper aims to empirically examine the key critical success factors for project success during software development with reference to Indian software development companies. To achieve this, the study made a quantitative analysis through a questionnaire. A questionnaire was given to key personnel in selected Indian software companies. The findings concluded that Project factors impact the success of a project in the software industry with respect to the costing model, however, it does not show any difference. The study found that senior management support, Requirement Management, Risk management, Schedule Control, Budget Control, Project team competence, Organization culture and agility and Communication are the chief factors involved in the project success of Indian software companies. The study finding shows that there is an impact of senior management commitment on the success of the project. With respect to communication, the study finding shows that there is an impact of communication on the success of the project. This study finding presents that there was found to be a relationship between the project success factor and Effort and Cost Variances.

KEYWORDS: Success factors, Software project management, Indian software companies, Project planning.

REFERENCES
15. Jørgensen, C. B. (2015), Human resource allocation practices in multi-project organizations A case study of human resource allocation practices and the contextual conditions that shape them, University of Agder.
33. Tuman, J. (1986), Success modeling: A technique for building a winning project team, in PMI Annual Seminar and Symposium, pp. 94–108, Montreal, Canada: PMI.
