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ERP Web-Application using NodeJs, Angular

More Aadesh, Dhiwar Kavita, Malge Dhruvdeep, Bedse Mrugnayani
Matoshri College of Engineering and Research Centre (MCOERC), Nashik, Maharashtra, India

Abstract: *Implementing an Enterprise Resource Planning (ERP) system in a company can bring many benefits. However, ERP implementations have been high spending projects with low success rates. International ERP vendors are now trying to extend their market to companies in developing countries. However, little research has been conducted on ERP implementation in developing countries. So, understanding the critical success factors (CSFs) involved in ERP implementation would be of benefit to implementing companies and ERP software vendors. Thus, this research developed and empirically tested a model for ERP implementation success in the context of a developing country, namely Iran. A survey questionnaire was employed to collect data for this research. The structural equation modelling (SEM) was utilized to test the relationships hypothesized. It was found that the relationships between enterprise-wide communication, project management, ERP team composition and competence, ERP system quality, and ERP vendor support and ERP implementation success were significantly positive. Furthermore, organizational culture indicated a moderating effect on the above-mentioned relationships. However, the study did not find significant relationship between business process reengineering and ERP implementation success. This study has contributed to academic research by creating the empirical evidence to support the theories of CSFs and ERP implementation success. In addition, the outcomes of this study are useful in making ERP vendors and consultants familiar with the difficulties of implementation in developing countries and preparing some strategies to overcome the barriers. The results also present the managers of adopting companies with the ability to classify strategies, evaluation guides, checkpoints, and measure requirements that offer them a far greater likelihood of ERP implementation success*

Keywords: Critical Success Factors

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