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Authors:

Sunil Kumar Khatri

Shruti Nagpal

Ashok Kumar

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Abstract

This paper proposes and initiates research on a top-down approach for ERP Implementation Success. Here the actual health assessment of on-going ERP Projects is Reverse Engineered keeping the expected ERP outcome as our base and evaluating it against ERP Projects' current developmental progress made vis-à-vis the Critical Success Factors. A three step methodology is proposed. The ultimate aim is to come up with ERP Health Assessment Model

that will be used to evaluate the proposed metric - ERP Success Factor Rate, ERP SFR, at different stages of ERP Project Implementation. The proposed research will be used as a viable ERP Project Health Assessment Model commensurate with ERP Success Factor Rate Metric to increase the probability of ERP success.

Refer

ences

- Zhenyu Huang, "A Compilation Research of ERP Implementation Critical Success Factors", Issues in Information Systems, Volume XI, No. 1, 2010. pp. 507-512.
- Pnina Soffer, Boaz Golany, Dov Dori, "ERP Modeling: a comprehensive approach", Journal of Information Systems, Volume 28 Issue 6, pp. 673-690.
- Velcu, Oana (2005) "Impact of the Quality of ERP Implementations on Business Value", The Electronic Journal Information Systems Evaluation, Volume 8 Issue 3, pp 229-238.
- Abid Ali Neemuchwala, "Evolving IT from "Running the Business" to "Changing the Business"", a White Paper, Available: http://www.tcs.com/resources/white_papers/Pages/EvolvingIT.aspx
- Joseph Bradley, "Management based critical success factors in the implementation of Enterprise Resource planning systems", International Journal of Accounting Information Systems, Volume 9, Issue 3, pp 175-200.
- Sherry Finney, Martin Corbett, "ERP Implementation: a compilation and analysis of critical success factors", Business Process Management, Volume 13 No. 3, 2007, pp. 329-347.
- Albert Y. T. Sun, Abe Yazdani, John D. Overend, "Achievement assessment for enterprise resource planning (ERP) system implementations based on critical success factors (CSFs)", International Journal of Production Economics, Volume 98, 2005, pp. 189-203.
- T. R. Bhatti, "Critical success factors for the implementation of enterprise resource planning (ERP): empirical validation", The Second International Conference on Innovation in Information Technology (IIT'05), Published 2005.
- Fiona Fui-Hoon Nah, Santiago Delgado, "Critical success factors for enterprise resource planning implementation and upgrade", Journal of Computer Information Systems, Special Issue 2006, pp. 99-113.
- Charlie C. Chen, Chuck C. H. Law, and Samuel C. Yang, "Managing ERP Implementation Failure: A Project Management Perspective", IEEE Transactions on Engineering Management, Vol. 56, No. 1, February 2009, pp. 157-170.
- M. R. Lind, Evetta Culler, "The relationship between Information Technology Critical Success Factors and Project Performance", Proc CONISAR, Volume 2, Washington D. C. , Published 2009.

Index Terms

Computer Science

Software Engineering

Keywords

Business Process Re-engineering (bpr) Critical Success Factors (csf) Enterprise
Resource Planning (erp)