Identification of the essential factors in the success of ERP system implementation the perspective of users with the approach of network analysis process (Case study: Guilan Province Governorate)

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Abstract Today, due to intense competition in target markets, only companies and organizations can survive or outstrip others that have an appropriate IT infrastructure that responds quickly to the ever-changing market needs. Enterprise resource planning software packages provide such a powerful architecture for today's organizations. But the failures of several enterprise resource planning implementations within the organization make researchers more aware of the importance of choosing an appropriate system that can meet the needs of the organization. , Made Therefore, in the present study, the main factors of success in implementing an enterprise resource planning system the perspective of users with the approach of network analysis process in the governorate of Guilan province have been discussed. The statistical population of this study is experts and expert experts the governorate of Gilan who through sampling Judgment is available in the form of two groups. In the first group of top managers and top experts of the organization, 20 people were ed as the statistical sample for the localization of the model due to the specialized nature of the issue and the limited identification of the experts. In the second group, 6 experts were ed. Research method This research is of an analytical type which is a descriptive-survey type of research and is considered as an applied one in terms of research purpose. On the other hand, this research has a field nature. To this end, the criteria were first recognized by studying and reviewing the scientific literature, and then its validity was verified by the university. The results of the research show that "managing factors" are the most influential and "participatory

criteria" are the most influential factors. Also, participatory criteria are considered as the most important criterion for success in implementation of organizational resource planning system in Guilan province governorate and factors (technical criteria, financial factors, criteria Organizational and managerial functions) are respectively in the next stages. Finally, based on the results obtained, suggestions are made for managers and experts of governmental organizations, especially the governorate of Guilan province.