

Information Systems Performance: The Role of Individual Efficacy Factors

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ABSTRACT Information Systems Development (ISD) projects are the vehicle for delivering information systems (IS) in organizations. However, the low success rate of ISD industry projects indicates that project performance warrants further investigation. The Social Cognitive Theory by Bandura has indicated self-efficacy to be an important predictor of performance where behavioral actions can lead to improvements. There was substantial evidence to support the role of self-efficacy in predicting performance; hence the objective of this study was to examine self-efficacy in ISD group projects. The research process of measuring student efficacy to performance achievement is expected to provide insights into understanding the proposed theory of ISD Efficacy. The knowledge gained can support the development of theories that contribute to understanding system development difficulties in the software industry. In this census survey respondents were third level IS major students at the University of KwaZulu-Natal, South Africa. This research has highlighted the significance of IS Confidence to individual performance.