

UNIVERSITY TECHNOLOGY MARA

**DEVELOPING GRAPHICAL INFOSTRUCTURE
LAYERS FOR ENHANCING EFFICIENCY OF
ORGANIZATIONS¹ INFORMATION SYSTEM**

BASED ON SURVEYS AND PRIOR KNOWLEDGE

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RESEARCH ABSTRACT

Implementing enterprise systems (ES) considered as a major risk for organizations and institutions just like how it considered as a key value driver of real opportunities due to the huge investments on implementation, utilization, and operation stages of ERP system within organizations. Surveys show that leaders and decision-makers are tend to follow the trend and search for best practices implemented ES by their competitors to adopt it. That happens sometimes without understanding their real organization's needs or assessing their actual requirements and that would put the organizations under a serious risk. The problem of the current ES is not only related to the super expenses that should be paid over the implementation level and monthly to maintain the system, but also, the usability of those systems still questionable. This research is aiming to reveal a new tool called Graphical Infostructure Layers (GIL) which enables system analysts to breakdown business processes within a single ERP model to small problems that can be assigned to suitable alternative applications and integrating them under one universal standards. willing to abandon the current expensive unutilized ES. That tool will be built based on a better understanding of system analyst and business analyst, and here where the definition of "infostructure" term will play a major role.

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