

SHOULD HOSPITALS DEVELOP OWN HEALTH INFORMATION SYSTEMS? A CASE STUDY IN MALAYSIAN HOSPITALS

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ABSTRACT

Hospitals differ in terms of size, infrastructure, number of patients and budget allocations. Due to limited resources available most hospitals set limit on the maximum resources that can be allocated for the implementation of information Technology or Information system (IS/IT) projects. This project will investigate which operation is more suitable for hospitals; is it preferable for hospitals to develop own health information system with the use of its own human and financial resources or is it preferable to outsource to external vendors which will only require financial resources and it will reduce burden on the hospital. This project will also identify the roles in which hospitals play when acquiring health information system, the outcome of this project will benefit patients and hospitals immensely. During the course of this project the author will visit Four Malaysian hospitals, obtain vital information from the hospitals and perform an analysis of the information obtained which will be based on questionnaires and observation. The key technology that the author will primarily use to accomplish this research project is the Statistical Package for Social Sciences (SPSS) software; the author will use this software to analyze the facts, data and statistics that has been extracted from the questionnaires.