

Data Management

Issues, Challenges and Opportunities

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DATA MANAGEMENT: ISSUES, CHALLENGES AND OPPORTUNITIES

Editors

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Rifhan binti Abdul Ghafir and Mira Kartiwi

ABSTRACT

Organized data, systematic data retrieval and storing loads of data are crucial subject to every company now days, especially for large enterprises that deal with large number of data and clients' information like hospital, goverment body, administration department and so on. Data management is a must for these kind of organizations and body because, the administrative process by which the required data is acquired, validated, stored, protected, and processed, and by which its accessibility, reliability, and timeliness is ensured to satisfy the needs of the data users. It is also a process of developing data architectures, practices and procedures dealing with data and then executing these aspects on a regular basis. All these process will ease and smoothen the company's business flow.

14.1 INTRODUCTION

The best example of how effective data management should be implemented is at hospitals. We know, the administrative of a hospital has to deal with thousands of patients data, staff information, equipments' details and many more. Technologies and patients' demands are placing pressures on the hospital industry, and how patient care is delivered. Challenges like, rising of hospital management costs, an aging population, a shortage of hospital workers, challenges in accessing services, timely availability of information, issues of safety and quality, storage and