ABSTRACT

This paper will discuss about information system auditing process which held in PT. X, a pharmaceutical manufacture company using framework COBIT 4.1, that comprise 12 process that is Define a strategic IT plan (PO1) Manage IT Human Resources (PO7), Assess and Manage IT risks (PO9), Manage Project (PO10), Enabled Operation and Use (AI4), Procure IT resources (AI5), Define and manage service levels (DS1), Ensure system security(DS5), Identify and allocate cost (DS6) Educate and Train Users (DS7), Monitor and evaluate IT performance (ME1) and Monitor and Evaluate Internal Control (ME2). The purpose of this audit is to inform the company about the information system they implemented, is accordingly to standard COBIT 4.1 or not and also give recommendations and solutions to solving their problems. The writer using COBIT 4.1 as Guidance and references. and method for collecting information in this auditing process is by interviewing related person and observation. In this paper also include suggestions and inputs for the company to help increasing their performance achieving their goal.

Keyword : Information system audit, COBIT 4.1

ABSTRAK

Dalam laporan ini akan dibahas mengenai proses audit sistem informasi yang dilakukan pada PT X, perusahaan manufaktur yang memproduksi obat-obatan menggunakan *framework* COBIT 4.1. yang terdiri dari 12 proses yaitu *Define a strategic IT plan* (PO1) *Manage IT Human Resources* (PO7), *Assess and Manage IT risks* (PO9), *Manage Project* (PO10), *Enabled Operation and Use* (AI4), *Procure IT resources* (AI5), *Define and manage service levels* (DS1), *Ensure system security*(DS5), *Identify and allocate cost* (DS6) *Educate and Train Users* (DS7*), Monitor and evaluate IT performance* (ME1) dan *Monitor and Evaluate Internal Control* (ME2).. Tujuan dari proses audit ini adalah untuk memberikan informasi kepada perusahaan mengenai sistem informasi yang diterapkan oleh perusahaan apakah sudah sesuai dengan standar COBIT 4.1 atau belum, dan juga memberikan rekomendasi dan solusi untuk menyelesaikan masalah perusahaan. Penulis menggunakan COBIT 4.1 sebagai petunjuk dan referensi. Metoda dalam mengumpulkan data dalam laporan proses audit ini adalah dengan melakukan wawancara dengan pihak terkait dan melakukan observasi. Laporan ini juga disertai dengan pendapat dan masukan untuk perusahaan untuk meningkatkan kinerja sistem informasi dalam mencapai tujuan bisnis perusahaan.

Kata kunci : Audit system informasi, *COBIT 4.1*

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