

ABSTRAK

This report reveals the analysis process and information system audit done in PT Daya Adira Mustika. This company distributes Honda motorcycles whose work system uses framework COBIT 4.1. there are eight process / steps in this framework, one of which is *Manage Third – party Services* (DS2), *Manage Performance and Capacity* (DS3), *Manage the Configuration* (DS9), *Manage Problems* (DS10), *Manage data* (DS11), *Define a Strategic IT Plan* (PO1), *Manage Quality* (PO8), *Monitor and Evaluate IT Performance* (ME1). This analysis and audit system have an objective to give information and suggestion related to the information system applied in PT Daya Adira Mustika, who proves about whether the information system done in the company has already met COBIT 4.1 standard or not. Furthermore, this analysis offers solutions for solving the company's problems. The present writer applies COBIT 4.1 as the reference and guidance. The method used in collecting data in this analysis is through interview with the reliable person in the company as well as doing observation. The present writer expects that this analysis will be able to give suggestion that is useful in order to enhance the efficiency in information system so that the company can reach its objectives.

DAFTAR ISI

COVER	i
LEMBAR PENGESAHAN	ii
PRAKATA.....	iii
PERNYATAAN PUBLIKASI LAPORAN PENELITIANi.....	iv
PERNYATAAN ORSINALITAS LAPORAN PENELITIAN.....	v
ABSTRAK	vi
DAFTAR ISI	vii
DAFTAR GAMBAR	ix
DAFTAR TABEL	x
DAFTAR LAMPIRAN	xi
DAFTAR SINGKATAN.....	xiii
BAB 1 PENDAHULUAN	
1.1 Latar Belakang Masalah.....	1
1.2 Rumusan Masalah	2
1.3 Tujuan Pembahasan	2
1.4 Ruang Lingkup Kajian	2
1.5 Sumber Data.....	3
1.6 Sistematika Penyajian	3
BAB 2 KAJIAN TEORI	
2.1 Pengertian Audit Sistem Informasi	5
2.1.1 Tujuan Audit.....	6
2.1.2 4 Sasaran Utama Audit Sitem Informasi.....	7
2.1.3 Resiko Audit.....	8
2.1.4 Langkah – langkah Utama dalam Mengaudit.....	9
2.1.5 Sebelum dan Sesudah Audit	10
2.2 Definisi Kontrol.....	11
2.3 Pengertian COBIT	13
2.2.1 Kerangka Kerja COBIT.....	13
2.2.2 Struktur	14
2.2.3 Tujuan.....	17

2.2.4 Keuntungan.....	17
2.4 PO1 Define a strategic IT Plan.....	18
2.5 PO8 Manage Quality.....	23
2.6 DS2 Manage Third-party Services	27
2.7 DS3 Manage Performance and Capacity	30
2.8 DS9 Manage the Configuration	34
2.9 DS10 Manage Problems	38
2.10 DS11 Manage Data.....	42
2.11 ME1 Monitoring and Evaluate IT Performance.....	45
BAB 3 ANALISIS	
3.1 Sejarah Perusahaan	50
3.2 Proses Bisnis Perusahaan	51
3.3 Struktur Organisasi Perusahaan	58
3.4 Tahapan Audit yang dilakukan	59
3.4.1 PO1 Define a Strategic IT Plan	59
3.4.2 PO8 Manage Quality.....	61
3.4.3 DS2 Manage Third-party Services.....	62
3.4.4 DS3 Manage Performance and Capacity	64
3.4.5 DS9 Manage the Configuration	67
3.4.6 DS10 Manage Problems	69
3.4.7 DS11 Manage Data.....	70
3.4.8 ME1 Monitoring and Evaluate IT Performance	72
BAB 4 SIMPULAN DAN SARAN	
4.1 Simpulan.....	75
4.2 Saran	76
DAFTAR PUSTAKA	
LAMPIRAN	
RIWAYAT HIDUP PENULIS	

DAFTAR GAMBAR

Gambar 1 Ruang Lingkup Audit Sistem Informasi	6
Gambar 2 Framework COBIT	17
Gambar 3 As is Receiving Unit Business Process	38
Gambar 4 To Be Shipping Unit Business Process	39
Gambar 5 Sales Order To Be Business Process	40
Gambar 6 Sales Order To Be Business Process	41
Gambar 7 Inter Organisasi Transfer (Mutasi) (H1) To Be Business Process	42
Gambar 8 Inter Organisasi Transfer (Mutasi) (H1) To Be Business Process	43
Gambar 9 Struktur Organisasi PT DAM	44

DAFTAR TABEL

Tabel 1 Plan and Organize	15
Tabel 2 Acquire and Implement	15
Tabel 3 Deliver and Support	16
Tabel 4 Monitor and Evaluate	16

DAFTAR LAMPIRAN

Lampiran A

- Lampiran A.1 Pertanyaan Wawancara Proses PO1
- Lampiran A.2 Planning Cycle.
- Lampiran A.3 SWOT analysis.
- Lampiran A.4 Matriks Training.
- Lampiran A.5 Activity Plan dan KPI.
- Lampiran A.6 ORACLE.
- Lampiran A.7 HRIS.

Lampiran B

- Lampiran B.1 Pertanyaan Wawancara Proses PO8
- Lampiran B.2 Prosedur Audit Mutu Internal.
- Lampiran B.3 Role and responsibility.
- Lampiran B.4 Misi, mimpi dan nilai-nilai inti.
- Lampiran B.5 AMI Checklist.
- Lampiran B.6 PICA Implementation.
- Lampiran B.7 Form Pendaftaran QCC.
- Lampiran B.8 Prosedur pembuatan aplikasi.
- Lampiran B.9 Form pendaftaran SS.

Lampiran C

- Lampiran C.1 Pertanyaan Wawancara Proses Proses DS2
- Lampiran C.2 Prosedur perjanjian dengan pihak ke 3.
- Lampiran C.3 Form permohonan pembuatan perjanjian.
- Lampiran C.4 Report SLA.
- Lampiran C.5 Form kontrak

Lampiran D

- Lampiran D.1 Pertanyaan Wawancara Proses DS3.
- Lampiran D.2 Database vendor.
- Lampiran D.3 Tampilan pengawasan komunikasi.
- Lampiran D.4 Contoh undangan IRM.
- Lampiran D.5 Alat absensi finger scan.
- Lampiran D.6 User Reuest Form.

Lampiran D.7 PDCA.

Lampiran D.8 Bechmark TAM.

Lampiran D.9 Form permohonan training

Lampiran E

Lampiran E.1 Pertanyaan Wawancara Proses DS9.

Lampiran E.2 Data inventaris dan aset perusahaan.

Lampiran E.3 Form checklist ruang server.

Lampiran E.4 Prosedur pemeliharaan inventaris IT.

Lampiran E.5 Form survey inventaris.

Lampiran F

Lampiran F.1 Pertanyaan Wawancara Proses DS10.

Lampiran F.2 Prosedur backup database server.

Lampiran F.3 VVI test.

Lampiran G

Lampiran G.1 Pertanyaan Wawancara Proses DS11.

Lampiran G.2 Backup data.

Lampiran G.3 AMI Plan.

Lampiran G.4 Evaluasi IRM.

Lampiran G.5 Tampilan Login.

Lampiran H

Lampiran H.1 Pertanyaan Wawancara Proses ME1.

Lampiran H.2 IT Activity Plan.

Lampiran H.3 Tampilan DBIS.

Lampiran H.4 Prosedur QA dan UAT.

DAFTAR SINGKATAN

K3	Keselamatan Kesehatan Kerja
COBIT	Control Objectives for Information and related Technology
IT	Information Technology
KPI	Key Performance Indlicator
KGI	Key Goal Indicator
SDM	Sumber Daya Manusia
WAN	Wide Area Network
BIF	Building Infrastruktur
AHM	Adira Honda Motor
MD	Management Development
HRD	Human Resource Development
GA	General Affair
MIS	Management Information System
TS	Technical Support
QMS	Quality Management System
AP	Activity Plan
QM	Quality Management
PDCA	Plan Do Check Action
PICA	Performance Indentification and Corrective Action
IRM	Internal Review Meeting
URF	User Request Form
QCC	Quality Control Circle
SS	Sugestion System
FAD	Finance Accounting Departement
QA	Quality Assurance
SLA	Service Level Agreement