ABSTRACT

Technological development has been growing rapidly, especially the development of computerized technology. Information technology is very important in the world that increasingly demands speed and efficiency in all things. The use of advanced technology has become an urgent need to support various types of businesses better.

Development of Information System is now so rapid too, using the media, among information technology such as internet and web information, this information through the media that can be delivered to reach the various sections of the community. Cobit Framework is a service for auditing Information Systems are the most commonly used to audit information systems in a rapid, accurate, and interactive.In this case, Cobit Framework will provide information about problem-solving solutions and the latest news in the field of information technology to the PT.INTI, where the information is distributed to the division or branch office of PT.INTI With the analysis made Human Resource is expected to be one of the alternative data processing and delivery of information that will save time, energy, and assist in the cost and improve the smoothness of the process of working on the PT. INTI.

Keywords: Audit, COBIT Framework 4.1, Plan and Organize, Decision and Support

DAFTAR ISI

LEMBAR PENGESAHAN i
PERNYATAAN PUBLIKASI LAPORAN PENELITIAN ii
SURAT PERNYATAAN ORISINALITAS KARYA iii
PRAKATA iv
ABSTRACT v
DAFTAR ISI vi
DAFTAR GAMBAR viii
DAFTAR LAMPIRAN ix
BAB I PENDAHULUAN 1
1.1 Latar Belakang Masalah 1
1.2 Rumusan Masalah 2
1.3 Tujuan Pembahasan 2
1.4 Ruang Lingkup Kajian 3
1.5 Sumber Data 5
1.5.1 Data Primer 5
1.5.2 Data Sekunder 5
1.6 Sistematika Penyajian 6
BAB II KAJIAN TEORI 7
2.1 Teori-teori Umum 7
2.1.1 Pengertian Sistem 7
2.1.2 Pengertian Informasi 7
2.1.3 Definisi Sistem Informasi 7
2.1.4 Audit Sistem Informasi 8
2.1.5 Tugas Auditor Sistem Informasi 10
2.1.6 Data 12
2.2 Teori-teori Khusus 13
2.2.1 Pengertian Audit Teknologi Informasi 13
2.2.2 Jenis Audit (Hidayat, 2009:12) 13
2.2.3 Proses Audit (Boynton, 2001:4) 14
2.2.4 IT Audit Standard Tools/Framework 16
2.2.5 Pengertian COBIT 17
2.2.6 Pengenalan COBIT 4.1 (Gandodiyoto, 2007:274) 17
2.2.7 Kerangka Kerja Cobit (IT Governance Institute , 2007:30) 20

2.2.8 Definisi Domain Cobit (http://www.isaca.org) 23
2.2.9 Domain yang di gunakan 24
BAB III ANALISIS DAN PERANCANGAN 75
3.1 Sejarah Perusahaan 75
3.2 Visi, Misi, dan Strategi Perusahaan 77
3.2.1 Visi Perusahaan 77
3.2.2 Misi Perusahaan 77
3.2.3 Strategi Perusahaan 77
3.2.4 Struktur Organisasi 78
3.2.5 Tugas dan Tanggung jawab Organisasi 78
3.3 Proses Auditing 85
BAB IV SIMPULAN DAN SARAN 118
4.1 SIMPULAN 118
4.2 SARAN 119
DAFTAR PUSTAKA 120
Lampiran 121

DAFTAR GAMBAR

Gambar 1 Kerangka Kerja Cobit 21
Gambar 2 Struktur Organisasi (www.ptinti.com) 78
Gambar 3 Goal Metric PO1 92
Gambar 4 Goal and Metrics Proses PO2 94
Gambar 5 Goal and Metrics Proses PO3 96
Gambar 6 Goal and Metrics Proses PO4 98
Gambar 7 Goal and Metrics Proses PO5 100
Gambar 8 Goal and Metrics Proses PO6 102
Gambar 9 Goal and Metrics Proses PO7 104
Gambar 10 Goal and Metrics Proses PO8 106
Gambar 11 Goal and Metrics Proses PO9 108
Gambar 12 Goal and Metrics Proses PO10 110
Gambar 13 Goal and Metrics Proses DS7 112
Gambar 14 RJP 121
Gambar 15 Wawancara PO1 122
Gambar 16 Master Paln IT 123
Gambar 17 Program Kerja Divisi SISTEKNO 124
Gambar 18 - Laporan realisasi program kerja SISTEKNO 125
Gambar 19 Laporan realisasi program kerja SISTEKNO(2) 126
Gambar 20 wawancara PO2 127
Gambar 21 Data Center 128
Gambar 22 Back Up database 129
Gambar 23 Arsitektur Sistem Informasi 130
Gambar 24 wawancara PO3 131
Gambar 25 Struktur Organisasi 132
Gambar 26 Job Decsription 133
Gambar 27 Lampiran wawancara PO4 134
Gambar 28 wawancara PO5 135
Gambar 29 Kebijakan Pengelolaaan TI 136
Gambar 30 wawancara PO6 137
Gambar 31 wawancara PO6-2 138
Gambar 32 SKU 139
Gambar 33 Kebutuhan Tenaga Outsourcing 140
Gambar 34 wawancara PO7 141
Gambar 35 wawancara PO7-2 142
Gambar 36 Dokumen Induk (ISO) 143
Gambar 37 wawancara PO8 144
Gambar 38 Kebijakan Pengelolaan Resiko 145
Gambar 39 Analisis Resiko(daftar resiko) 146
Gambar 40 Analisis resiko(analisis akibat) 147
Gambar 41 Analisis Resiko(Rencana tindak lanjut resiko) 148
Gambar 42 wawancara PO9 149
Gambar 43 wawancara PO9-2 150
Gambar 44 wawancara PO10 151
Gambar 45 wawancara PO10-2 152
Gambar 47 Pengendalian Proyek 153
Gambar 48 aplikasi manajemen proyek 154
Gambar 49 wawancara DS7 155

Gambar 50 Training/Pelatihan 156
Gambar 51 Training/Pelatihan(2) 157
Gambar 52 Form Pengajuan pelatihan 158

DAFTAR LAMPIRAN

Lampiran 1 – RJP 121
Lampiran 2 –Wawancara PO1 122
Lampiran 3 – Master Plan IT 123
Lampiran 4 - Program Kerja Divisi SISTEKNO 124
Lampiran 5 - Laporan realisasi program kerja SISTEKNO 125
Lampiran 6 Laporan realisasi program kerja SISTEKNO(2) 126
Lampiran 7 –wawancara PO2 127
Lampiran 8 –Data Center 128
Lampiran 9 – Back Up database 129
Lampiran 10 – Arsitektur Sistem Informasi 130
Lampiran 11 - wawancara PO3 131
Lampiran 12 – Struktur Organisasi 132
Lampiran 13 – Job Description 133
Lampiran 14 – wawancara PO4 134
Lampiran 15 – wawancara PO5 135
Lampiran 16 – Kebijakan Pengelolaaan TI 136
Lampiran 17 – wawancara PO6 137
Lampiran 18 wawancara PO6-2 138
Lampiran 19 – SKU 139
Lampiran 20 – Kebutuhan Tenaga Outsourcing 140
Lampiran 21 –wawancara PO7 141
Lampiran 22 wawancara PO7-2 142
Lampiran 23 – Dokumen Induk (ISO) 143
Lampiran 24 – wawancara PO8 144
Lampiran 25 – Kebijakan Pengelolaan Resiko 145
Lampiran 26 – Analisis Resiko(daftar resiko) 146
Lampiran 27 – Analisis resiko(analisis akibat) 147
Lampiran 28 – Analisis Resiko(Rencana tindak lanjut resiko) 148
Lampiran 29 – wawancara PO9 149
Lampiran 30 wawancara PO9-2 150
Lampiran 31 – wawancara PO10 151
Lampiran 32 wawancara PO10-2 152
Lampiran 34 – Pengendalian Proyek 153
Lampiran 35 – aplikasi manajemen proyek 154
Lampiran 36 – wawancara DS7 155
Lampiran 37 – Training/Pelatihan 156
Lampiran 38 – Training/Pelatihan(2) 157
Lampiran 39 – Form Pengajuan pelatihan 158