

## **ABSTRAK**

PT. BPR XXX adalah sebuah bank yang telah berusia lebih dari 20 tahun dan terus berkembang dalam memberikan jasa-jasa keuangan yang kompetitif kepada masyarakat. Namun dalam pengelolaan strategi, inovasi, *enterprise architecture*, dan *IT management framework* pada PT. BPR XXX belum dilakukan secara maksimal. COBIT 5 adalah suatu *framework* atau kerangka kerja yang berfungsi untuk mengukur ataupun mengevaluasi risiko. Maka dari itu, penulis bertujuan untuk menganalisis sistem informasi PT. BPR XXX dengan menggunakan COBIT 5 proses APO01 – *Manage the IT Management Framework*, APO02 – *Manage Strategy*, APO03 – *Manage Enterprise Architecture*, APO04 – *Manage Innovation* dan APO05 – *Manage Portfolio* agar dapat meningkatkan kinerja perusahaan serta meminimalkan risiko yang akan terjadi melalui laporan ini.

Kata Kunci: COBIT 5, APO01, APO02, APO03, APO04, APO05

## **ABSTRACT**

*PT. BPR XXX is a bank that has been more than 20 years and continues to thrive in delivering financial services competitive to the community. But in management of strategy, innovation, enterprise architecture, and IT management framework on PT. BPR XXX has not performed to its full potential. COBIT 5 is a framework or frameworks that serve to measure or evaluate the risk. Thus, the author aims to analyze information systems PT. BPR XXX using COBIT 5 APO01 process – Manage the IT Management Framework, APO02 – Manage Strategy, Manage Enterprise Architecture – APO03, APO04 – APO05 – Manage Innovation and Manage Portfolio in order to improve the company's performance and minimize risk will happen through this report.*

*Keywords:* COBIT 5, APO01, APO02, APO03, APO04, APO05

## DAFTAR ISI

LEMBAR PENGESAHAN .....	i
PERNYATAAN ORISINALITAS LAPORAN PENELITIAN.....	ii
PERNYATAAN PUBLIKASI LAPORAN PENELITIAN .....	iii
PRAKATA .....	iv
ABSTRAK .....	vi
ABSTRACT.....	vii
DAFTAR ISI .....	viii
DAFTAR GAMBAR .....	x
DAFTAR TABEL .....	xi
DAFTAR LAMPIRAN .....	xii
DAFTAR SINGKATAN.....	xiii
BAB 1. PENDAHULUAN .....	1
1.1 Latar Belakang Masalah .....	1
1.2 Rumusan Masalah .....	2
1.3 Tujuan Pembahasan .....	3
1.4 Ruang Lingkup Kajian .....	3
1.5 Sumber Data .....	5
1.6 Sistematika Penyajian.....	5
BAB 2. KAJIAN TEORI.....	6
2.1 Pengertian Sistem informasi .....	6
2.2 Pengertian Teknologi Informasi .....	7
2.3 IT Governance.....	7
2.4 Audit Teknologi Informasi.....	8
2.5 COBIT ( <i>Control Object for Information and Related Technology</i> )....	9
2.6 COBIT PAM ( <i>Process Assessment Model</i> ) .....	12
2.7 <i>The Capability Dimension</i> .....	13
2.8 <i>Assessment Indicators</i> .....	15
2.9 Level 1 – Performed Process.....	16
2.10 Level 2 – Managed Process.....	17
2.11 <i>Rating Scale</i> .....	18

2.12	<i>Perhitungan Capability Level.</i> .....	19
2.13	Proses-proses Pada Domain APO .....	20
2.13.1	APO01 – <i>Manage The IT Management Framework</i> .....	20
2.13.2	APO02 – <i>Manage Strategy</i> .....	23
2.13.3	APO03 – <i>Manage Enterprise Architecture</i> .....	27
2.13.4	APO04 – <i>Manage Innovation</i> .....	30
2.13.5	APO05 - <i>Manage Portfolio</i> .....	33
2.14	Langkah-langkah Analisis .....	36
2.14.1	<i>Initiation</i> .....	36
2.14.2	<i>Planning</i> .....	38
2.14.3	<i>Data Collection</i> .....	39
2.14.4	<i>Data Validation</i> .....	40
2.14.5	<i>Process Attribute Rating</i> .....	40
2.14.6	<i>Assessment Reporting</i> .....	41
BAB 3.	ANALISIS DAN EVALUASI.....	43
3.1	Profil Perusahaan.....	43
3.2	Visi dan Misi Perusahaan.....	43
3.3	Struktur Organisasi .....	44
3.4	Hasil analisis dengan menggunakan COBIT 5 .....	44
3.4.1	Proses penilaian berdasarkan <i>capability level</i> . .....	44
3.4.2	APO01 – <i>Manage the IT Management Framework</i> .....	45
3.4.3	APO02 – <i>Manage Strategy</i> .....	59
3.4.4	APO03 – <i>Manage Enterprise Architecture</i> .....	69
3.4.5	APO04 – <i>Manage Innovation</i> .....	79
3.4.6	APO05 – <i>Manage Portfolio</i> .....	87
3.5	Hasil pencapaian <i>capability level</i> .....	98
BAB 4.	SIMPULAN DAN SARAN.....	101
4.1	Simpulan .....	101
4.2	Saran.....	103
	DAFTAR PUSTAKA.....	105

## **DAFTAR GAMBAR**

Gambar 2.1 COBIT 5 Overview.....	12
Gambar 2.2 COBIT PAM.....	13
Gambar 2.3 Capability Levels and Process Attributes .....	14
Gambar 2.4 Assessment Indicators .....	16
Gambar 2.5 PA 2.1 Performance Management.....	17
Gambar 2.6 Work Product Management.....	18
Gambar 2.7 Rating Levels .....	19
Gambar 3.1 Struktur organisasi.....	44
Gambar 4.1 Laporan rencana kerja dan anggaran .....	117
Gambar 4.2 Laporan pelaksanaan rencana kerja.....	118
Gambar 4.3 Sertifikat seminar .....	119
Gambar 4.4 Kompetensi skill.....	120
Gambar 4.5 Buku SOP .....	121
Gambar 4.6 Struktur organisasi.....	122
Gambar 4.7 Fasilitas karyawan .....	123
Gambar 4.8 Template laporan.....	124
Gambar 4.9 template laporan kerja .....	125

## DAFTAR TABEL

Tabel 2.1 PA 1.1 Process Performance .....	17
Tabel 2.2 Pencapaian APO01 .....	20
Tabel 2.3 Pencapaian APO02 .....	24
Tabel 2.4 Pencapaian APO03 .....	27
Tabel 2.5 Pencapaian APO04 .....	31
Tabel 2.6 Pencapaian APO05 .....	33
Tabel 3.1 APO01 - <i>Manage the IT Management Framework</i> .....	54
Tabel 3.2 <i>Performance Management</i> APO01 .....	57
Tabel 3.3 <i>Work product management</i> APO01 .....	58
Tabel 3.4 Hasil APO01 .....	58
Tabel 3.5 APO02 – <i>Manage Strategy</i> .....	67
Tabel 3.6 Hasil APO02 .....	68
Tabel 3.7 APO03 – <i>Manage enterprise architecture</i> .....	74
Tabel 3.8 <i>Performance Management</i> APO03 .....	77
Tabel 3.9 <i>Work product management</i> APO03 .....	77
Tabel 3.10 Hasil APO03 .....	78
Tabel 3.11 APO04 – <i>Manage innovation</i> .....	85
Tabel 3.12 Hasi APO04 .....	87
Tabel 3.13 APO05 – <i>Manage Portfolio</i> .....	94
Tabel 3.14 <i>Performance Management</i> APO05 .....	97
Tabel 3.15 <i>Work Product Management</i> APO05 .....	97
Tabel 3.16 Hasil APO05 .....	98

## **DAFTAR LAMPIRAN**

LAMPIRAN A. HASIL WAWANCARA.....	106
LAMPIRAN B. BUKTI GAMBAR .....	117

## **DAFTAR SINGKATAN**

APO = *Align, Plan, and Organise*

IT = *Information Technology*

COBIT= *Control Object for Information and Related Technology*

EDM = *Evaluate, Direct and Monitor*

BAI = *Build, Acquire and Implement*

DSS = *Deliver, Service and Support*

MEA = *Monitor, Evaluate and Assess*

CS = *Customer Service*

SPI = Satuan Pengawas Internal

BPR = Bank Perkreditan Rakyat