

ABSTRAK

Analisis pemodelan *enterprise architecture* merupakan hal penting bagi perusahaan karena *enterprise architecture* bukan hanya berkaitan dengan sistem informasi atau komunikasi, tetapi melingkupi seluruh aspek pada organisasi baik dalam pertukaran informasi yang dibutuhkan untuk melaksanakan kegiatan operasional, data – data yang dihasilkan dan dibutuhkan, dan hubungan antar organisasi. Salah satu kerangka kerja yang digunakan adalah DODAF. Menggunakan DODAF dapat mengetahui cara pertukaran informasi yang spesifik untuk melaksanakan kegiatan operasional di Grand Hotel Preanger agar sesuai dengan tanggung jawab yang telah diberikan, mengetahui hubungan antar organisasi atau kerja sama antar organisasi tanpa antara satu organisasi dengan organisasi lainnya harus melakukan pengawasan di Grand Hotel Preanger, dan pencapaian misi dan kemampuan bisnis di Grand Hotel Preanger melalui kegiatan operasional Grand Hotel Preanger. Sumber data yang digunakan untuk mendapatkan informasi yaitu wawancara dengan pihak – pihak yang menggunakan sistem dan melakukan observasi secara langsung penggunaan dan kinerja sistem di Grand Hotel Preanger.

Kata Kunci : DODAF, *enterprise architecture*, data, organisasi, dan operasional

ABSTRACT

Analysis of enterprise architecture modeling is important for the company because of enterprise architecture is not only related to information or communication systems, but it covers all aspects of the organization both in the exchange of information needed to carry out the operations, data - data generated and required, and inter-organizational relationships . One framework used is DODAF. Using DODAF can figure out how to exchange specific information to carry out operational activities at the Grand Hotel Preanger to match the responsibility that has been given, determine the relationship between organizations or between organizations without cooperation between the organizations with other organizations should conduct surveillance at the Grand Hotel Preanger, and the achievement of the mission and business skills at the Grand Hotel Preanger through Grand Hotel Preanger operations. Data sources used to obtain information that is an interview with the - those who use the system and the use of direct observation and system performance in Grand Hotel Preanger.

Keywords: DODAF, enterprise architecture, data, organizational, and operational

DAFTAR ISI

PRAKATA	i
ABSTRAK	ii
ABSTRACT	iii
DAFTAR GAMBAR	vi
DAFTAR TABEL	viii
DAFTAR LAMPIRAN	ix
DAFTAR SINGKATAN	x
BAB I PENDAHULUAN	1
1.1 Latar Belakang	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	4
BAB II KAJIAN TEORI	6
2.1 <i>Enterprise Architecture</i>	6
2.2 DODAF (<i>Department of Defense Architectural Framework</i>)	7
2.2.1 <i>Architecture Views</i> (Pandangan- pandangan Arsitektur)	10
2.2.2 <i>DODAF Products</i>	12
2.3 <i>Product DODAF</i> yang digunakan	30
2.4 Penjelasan <i>Flowchart</i>	34
2.4.1 Simbol-simbol <i>Flowchart</i>	35
BAB III ANALISIS	38
3.1 Profil Perusahaan	38
3.1.1 Visi dan misi perusahaan	39
3.1.2 Struktur organisasi	39
3.1.3 Sistem informasi Grand Hotel Preanger	39
3.2 Proses Bisnis	40
3.3 Analisis	62
3.3.1 <i>OV 2 Operational Node Connectivity Description</i>	62
3.3.2 <i>OV 4 Organizational Relationship Chart</i>	69
3.3.2 <i>OV 5 Operational Activity Model</i>	82
BAB IV SIMPULAN DAN SARAN	87
4.1 Simpulan	87
4.2 Saran	87

DAFTAR PUSTAKA.....	89
RIWAYAT HIDUP PENULIS	90

DAFTAR GAMBAR

Gambar 1. <i>Lingkages Among The Views</i>	10
Gambar 2. <i>DODAF Products</i>	12
Gambar 3. <i>Operational Transition Description</i>	18
Gambar 4. <i>Node Operational</i>	31
Gambar 5. <i>Organizational Diagram</i>	32
Gambar 6. <i>Activity Hierarchy</i>	34
Gambar 7. <i>Struktur Organisasi</i>	39
Gambar 8. <i>Flowchart Sales and Marketing</i>	41
Gambar 9. <i>Flowchart Individu (Check-in tidak via online)</i>	43
Gambar 10. <i>Flowchart Group (Check-in Tidak Via Online)</i>	45
Gambar 11. <i>Flowchart Individu & Group (Check-in Via Online)</i>	47
Gambar 12. <i>Flowchart Check-out (cash)</i>	49
Gambar 13. <i>Flowchart Check-out (Credit Card)</i>	51
Gambar 14. <i>Guaranty Letter</i>	53
Gambar 15. <i>Flowchart House Keeping</i>	55
Gambar 16. <i>Flowchart Pemesanan Makanan</i>	57
Gambar 17. <i>Flowchart Menu Makanan Baru</i>	59
Gambar 18. <i>Maintenance</i>	61
Gambar 19. <i>Aliran Pertukaran Informasi</i>	63
Gambar 20. <i>Hubungan Antar Organisasi</i>	70
Gambar 21. <i>Sales & Marketing (OV 4)</i>	71
Gambar 22. <i>Check-in individu atau group (OV 4)</i>	73
Gambar 23. <i>Check-in via travel agent (OV 4)</i>	74
Gambar 24. <i>Check-out (pembayaran cash atau credit card / OV 4)</i>	75
Gambar 25. <i>Check-out (Guaranty Letter / OV 4)</i>	76
Gambar 26. <i>Housekeeping(OV 4)</i>	77
Gambar 27. <i>Pemesanan Makanan (OV 4)</i>	79
Gambar 28. <i>Menu Makanan Baru (OV 4)</i>	80
Gambar 29. <i>Maintenance (OV 4)</i>	81
Gambar 30. <i>Aktifitas / Operasi Grand Hotel Preanger</i>	83
Gambar 31. <i>Tampilan Sistem Maxial</i>	89
Gambar 32. <i>Front office Reports</i>	89
Gambar 33. <i>Reservation</i>	90
Gambar 34. <i>Create a new reservation</i>	90
Gambar 35. <i>Group Reservation Form</i>	91
Gambar 36. <i>Sales and Marketing</i>	92
Gambar 37. <i>Sales Account Maintenance</i>	92
Gambar 38. <i>City Ledger Department</i>	93
Gambar 39. <i>Customer Maintenance</i>	93
Gambar 40. <i>Food and Beverage</i>	94
Gambar 41. <i>Table Section Maintenance</i>	94
Gambar 42. <i>Table Layout Maintenance</i>	95
Gambar 43. <i>Housekeeping</i>	96
Gambar 44. <i>Floor Display</i>	96
Gambar 45. <i>Lost and Found</i>	97
Gambar 46. <i>Lost and Found Entry</i>	97
Gambar 47. <i>Lost and Found Enquiry</i>	98
Gambar 48. <i>Set up Lost and Found Locations</i>	98
Gambar 49. <i>Room Status Report</i>	99

Gambar 50. <i>Room Status Report As Off</i>	99
Gambar 51. <i>Credit Application</i>	100

DAFTAR TABEL

Tabel I.	<i>Flow Direction Symbols</i>	35
Tabel II.	<i>Processing Symbols</i>	36
Tabel III.	<i>Input/Output Symbols</i>	37
Tabel IV.	<i>Sales & Marketing</i>	64
Tabel V.	<i>Check-in</i>	64
Tabel VI.	<i>Check-out</i>	65
Tabel VII.	<i>Housekeeping</i>	66
Tabel VIII.	<i>Food and Beverage</i>	67
Tabel IX.	<i>Maintenance</i>	68

DAFTAR LAMPIRAN

Lampiran A Tampilan Sistem Maxial	A1
Lampiran B <i>Reservation</i>	B1
Lampiran C <i>Sales and Marketing</i>	C1
Lampiran D <i>City Ledger Department</i>	D1
Lampiran E <i>Food and Beverage</i>	E1
Lampiran F <i>Housekeeping</i>	F1
Lampiran G <i>Credit Application</i>	G1
Lampiran H Wawancara 1	H1
Lampiran I Wawancara 2	I1

DAFTAR SINGKATAN

DODAF	<i>Department of Defense Architecture Framework</i>
DoD	Departemen Pertahanan
OV	<i>Operational view</i>
SV	<i>Systems View</i>
TV	<i>Technical Standards View</i>
I/O	<i>Input dan Output</i>