

## **ABSTRACT**

*At present obstacles arising from the need for publicity, promotion and approach to the consumer trying to be solved by the yokima group. The ever increasing demands to resolve the issue, pushing to get solutions for the problem is resolved. The solution is by making the hotel reservation information system in hotel-based cipatujah yokima online. With this expected to increase revenues and improve enthusiasts will this hotel. This information system built with PHP and MYSQL as its database, to perform its expected to have an internet connection and have sufficient computer. Features - the features are divided into admin and user. Admin can perform data management rooms, reservations, and facilities and managing member. Users can make reservations which is divided into 2 systems which can be accessed in windows and accessed through smsgateway. Users can also fill in testimony. Users will receive an sms about reservation process This application is expected to simplify matters related to online reservation. And is expected to assist in the promotion.*

**Keyword:** *online, system, PHP, MYSQL,internet, computer, smsgateway*

## **ABSTRAK**

Saat ini hambatan yang berasal dari kebutuhan untuk publikasi, promosi dan pendekatan terhadap konsumen berusaha dipecahkan oleh pihak yokima group. Makin meningkatnya tuntutan untuk mengatasi masalah tersebut, mendorong untuk mendapatkan solusi solusi agar masalah tersebut terselesaikan. Solusi tersebut adalah dengan pembuatan *system* informasi reservasi hotel pada hotel yokima cipatujah berbasis online. Dengan ini diharapkan mampu meningkatkan pendapatan dan meningkatkan peminat akan hotel ini. Sistem informasi ini dibangun dengan bahasa pemrograman *PHP* dan *MYSQL* sebagai *database* nya, untuk menjalankannya diharapkan memiliki koneksi *internet* dan memiliki *computer* yang memadai . Fitur – fitur dibagi menjadi *admin* dan *user*. *Admin* dapat melakukan manajemen data kamar, reservasi, dan fasilitas serta pengelolaan member. *User* dapat melakukan reservasi yang dibagi menjadi 2 sistem yaitu bisa diakses di windows dan diakses melalui *smsgateway*. *User* dapat pula mengisi testimony. *User* akan mendapatkan sms seputar proses reservasi. Aplikasi ini diharapkan dapat mempermudah hal yang berkaitan dengan reservasi secara online. Serta diharapkan mampu membantu dalam masalah promosi.

**Kata Kunci :** *online, system, PHP, MYSQL,internet, computer, smsgateway*

## DAFTAR ISI

LEMBAR PENGESAHAN .....	i
PERNYATAAN PUBLIKASI LAPORAN PENELITIAN.....	ii
PERNYATAAN ORISINALITAS LAPORAN PENELITIAN.....	iii
PRAKATA.....	iv
<i>ABSTRACT</i> .....	vi
ABSTRAK.....	vii
DAFTAR ISI.....	viii
DAFTAR GAMBAR.....	xvi
DAFTAR TABEL.....	xxiii
BAB I PENDAHULUAN.....	1
1.1 LATAR BELAKANG .....	1
1.2 RUMUSAN MASALAH.....	2
1.3 TUJUAN PEMBAHASAN.....	2
1.4 RUANG LINGKUP KAJIAN.....	3
1.5 SUMBER DATA.....	5
1.6 SISTEMATIKA PEMBAHASAN .....	5
BAB II KAJIAN TEORI .....	7
2.1 TEORI PENUNJANG .....	7
2.1.1 ENTITY RELATIONSHIP DIARGAM (ERD) .....	7
2.1.2 Data Flow Diagram (DFD ) .....	14
2.1.3 FLOWCHART .....	17
2.2 TEKNOLOGI.....	22
2.2.1 PHP.....	22
2.2.2 MYSQL .....	25

2.2.3 GAMMU.....	26
BAB III ANALISA DAN RANCANGAN SISTEM .....	28
3.1 PROSES BISNIS .....	28
3.2 ARSITEKTUR APLIKASI / SISTEM .....	29
3.2.1 FLOWCHART .....	29
3.2.2 DFD (DATA FLOW DIAGRAM) .....	36
3.3 ER – DIAGRAM.....	48
3.4 TRANSFORMASI TABEL.....	49
3.4.1 TABEL <i>USER</i> .....	49
3.4.2 TABEL KAMAR .....	50
3.4.3 TABEL FASILITAS .....	50
3.4.4 TABEL TESTIMONIAL .....	51
3.4.5 TABEL MENGISI TESTIMONIAL .....	51
3.4.6 TABEL RESERVASI .....	52
3.4.7 TABEL MELAKUKAN RESERVASI.....	52
3.4.8 TABEL <i>CHECKIN</i> .....	53
3.4.9 TABEL MELAKUKAN <i>CHECKIN</i> .....	53
3.5 KAMUS DATA .....	54
3.5.1 SPESIFIKASI PROSES (PSPEC) .....	57
3.5.2 WEBSITE MAP .....	73
3.6 PERANCANGAN <i>USER INTERFACE</i> .....	75
3.6.1 HALAMAN AWAL.....	75
3.6.2 HALAMAN AWAL MENU SERVICES.....	76
3.6.3 HALAMAN AWAL MENU <i>FACILITIES</i> .....	78
3.6.4 HALAMAN AWAL MENU TESTIMONIAL.....	79
3.6.5 HALAMAN AWAL MENU ABOUT US .....	80

3.6.6	HALAMAN AWAL MENU REGISTRATION.....	81
3.6.7	HALAMAN MENU UTAMA ADMIN.....	83
3.6.8	HALAMAN PENGELOLAAN DATA KAMAR ADMIN.....	84
3.6.9	HALAMAN PENGELOLAAN DATA FASILITAS ADMIN.....	87
3.6.10	HALAMAN PENGELOLAAN DATA SMS GATEWAY ADMIN	
	88	
3.6.11	HALAMAN PENGELOLAAN DATA TESTIMONIAL ADMIN..	90
3.6.12	HALAMAN PENGELOLAAN DATA RESERVASI ADMIN .....	91
3.6.13	HALAMAN PENGELOLAAN DATA PEGAWAI ADMIN.....	93
3.6.14	HALAMAN PENGELOLAAN TAMBAH <i>FRONT OFFICE</i> ADMIN	94
3.6.15	HALAMAN PENGELOLAAN TAMBAH MANAGER ADMIN ..	97
3.6.16	HALAMAN PENGELOLAAN MANAGE MEMBER ADMIN..	100
3.6.17	HALAMAN MENU UTAMA MANAGER .....	101
3.6.18	HALAMAN <i>REPORT</i> MANAGER .....	102
3.6.19	HALAMAN TESTIMONIAL MANAGER .....	103
3.6.20	HALAMAN MENU UTAMA <i>FRONT OFFICE</i> .....	106
3.6.21	HALAMAN MENU <i>CHECK ROOM FRONT OFFICE</i> .....	107
3.6.22	HALAMAN MENU <i>FACILITIES FRONT OFFICE</i> .....	108
3.6.23	HALAMAN MENU <i>REPORT FRONT OFFICE</i> .....	110
3.6.24	HALAMAN MENU <i>CHECKIN FRONT OFFICE</i> .....	111
3.6.25	HALAMAN MENU <i>CHECKIN MEMBER FRONT OFFICE</i> ...113	
3.6.26	HALAMAN MENU RESERVATION <i>CHECKIN FRONT</i> <i>OFFICE</i> 117	
3.6.27	HALAMAN MENU UTAMA MEMBER .....	120
3.6.28	HALAMAN MENU UTAMA MEMBER <i>ROOM</i> .....	121

3.6.29	HALAMAN MENU UTAMA MEMBER <i>FACILITIES</i> .....	122
3.6.30	HALAMAN MENU UTAMA MEMBER ABOUT US .....	124
3.6.31	HALAMAN MENU UTAMA MEMBER TESTIMONIAL.....	125
3.6.32	HALAMAN MENU UTAMA MEMBER RESERVATION .....	127
3.6.33	HALAMAN MENU UTAMA MEMBER <i>CHECK ROOM</i> .....	130
	BAB IV HASIL PENELITIAN .....	132
4.1	HALAMAN <i>LOGIN</i> .....	132
4.2	HALAMAN MENU AWAL SERVICES .....	133
4.3	HALAMAN MENU AWAL <i>FACILITIES</i> .....	134
4.4	HALAMAN MENU AWAL TESTIMONIALS .....	135
4.5	HALAMAN MENU AWAL ABOUT US.....	136
4.6	HALAMAN MENU AWAL REGISTRATION .....	137
4.7	HALAMAN MENU AWAL <i>ADMIN</i> .....	138
4.8	HALAMAN MENU <i>ROOM ADMIN</i> .....	139
4.9	HALAMAN MENU <i>VIEW ROOM ADMIN</i> .....	140
4.10	HALAMAN MENU <i>EDIT ROOM ADMIN</i> .....	140
4.11	HALAMAN MENU <i>FACILITIES ADMIN</i> .....	141
4.12	HALAMAN MENU <i>EDIT FACILITIES ADMIN</i> .....	142
4.13	HALAMAN <i>REPORT ADMIN</i> .....	143
4.14	HALAMAN MENU <i>CHECKIN REPORT ADMIN</i> .....	144
4.15	HALAMAN MENU <i>CANCEL RESERVATION REPORT ADMIN</i> .....	146
4.16	HALAMAN MENU <i>FONT OFFICE RECAPITULATION ADMIN</i> .....	146
4.17	HALAMAN MENU <i>MANAGER RECAPITULATION ADMIN</i> .....	147
4.18	HALAMAN MENU <i>MEMBER RECAPITULATION ADMIN</i> .....	147
4.19	HALAMAN MENU <i>AGEN RECAPITULATION ADMIN</i> .....	148
4.20	HALAMAN MENU <i>ROOMS RECAPITULATION ADMIN</i> .....	148

4.21	HALAMAN MENU <i>FACILITIES RECAPITULATION ADMIN</i> .....	149
4.22	HALAMAN MENU <i>TESTIMONIAL RECAPITULATION ADMIN</i> .150	
4.23	HALAMAN MENU <i>BANNED ID</i> .....	150
4.24	HALAMAN MENU <i>TOTAL INCOME</i> .....	151
4.25	HALAMAN <i>THE HIGHEST PRICE OF RESERVATION</i> .....	151
4.26	HALAMAN <i>THE HIGHEST PRICE OF CHECK IN</i> .....	151
4.27	HALAMAN <i>THE MOST WANTED ROOM</i> .....	152
4.28	HALAMAN <i>THE FREQUENT MEMBER CHECKIN</i> .....	152
4.29	HALAMAN <i>THE FREQUENT MEMBER RESERVASI</i> .....	153
4.30	HALAMAN <i>THE MOST SMS GATEWAY NUMBER</i> .....	153
4.31	HALAMAN <i>THE MOST POST TESTIMONIAL</i> .....	154
4.32	HALAMAN <i>THE MOST MEMBER CANCEL RESERVATION</i> ....	154
4.33	HALAMAN MENU TESTIMONIAL <i>ADMIN</i> .....	155
4.34	HALAMAN MENU RESERVATION <i>ADMIN</i> .....	156
4.35	HALAMAN MENU ADD EMPLOYEE <i>ADMIN</i> .....	156
4.36	HALAMAN MENU ADD FRONT OFFICE <i>ADMIN</i> .....	157
4.37	HALAMAN MENU ADD MANAGER <i>ADMIN</i> .....	159
4.38	HALAMAN MENU ADD AGENCY <i>ADMIN</i> .....	160
4.39	HALAMAN MENU AWAL MANAGER.....	161
4.40	HALAMAN MENU <i>REPORT MANAGER</i> .....	161
4.41	HALAMAN MENU <i>CHECKIN REPORT MANAGER</i> .....	162
4.42	HALAMAN MENU <i>CANCEL RESERVATION REPORT MANAGER</i> 163	
4.43	HALAMAN MENU <i>BANNED ID REPORT MANAGER</i> .....	163
4.44	HALAMAN MENU <i>TOTAL INCOME REPORT MANAGER</i> .....	164

4.45	HALAMAN MENU <i>HIGHEST PRICE OF RESERVATION REPORT MANAGER</i> .....	164
4.46	HALAMAN MENU <i>HIGHEST PRICE OF CHECKIN REPORT MANAGER</i> .....	165
4.47	HALAMAN MENU <i>THE MOST WANTED ROOM REPORT MANAGER</i> .....	165
4.48	HALAMAN MENU <i>THE MOST FREQUENT MEMBER CHECKIN REPORT MANAGER</i> .....	166
4.49	HALAMAN MENU <i>THE MOST FREQUENT MEMBER RESERVATION REPORT MANAGER</i> .....	166
4.50	HALAMAN MENU <i>THE MOST MEMBER CANCELED RESERVATION REPORT MANAGER</i> .....	167
4.51	HALAMAN MENU <i>TESTIMONIAL MANAGER</i> .....	168
4.52	HALAMAN MENU <i>RESERVATION MANAGER</i> .....	169
4.53	HALAMAN MENU <i>AWAL FRONT OFFICE</i> .....	169
4.54	HALAMAN MENU <i>ROOM FRONT OFFICE</i> .....	170
4.55	HALAMAN MENU <i>DETAIL ROOM FRONT OFFICE</i> .....	171
4.56	HALAMAN MENU <i>FACILITIES FRONT OFFICE</i> .....	172
4.57	HALAMAN MENU <i>DETAIL FACILITIES FRONT OFFICE</i> .....	173
4.58	HALAMAN MENU <i>AWAL CHECKIN FRONT OFFICE</i> .....	174
4.59	HALAMAN MENU <i>CHECKIN CHECK KAMAR FRONT OFFICE</i> 175	
4.60	HALAMAN MENU <i>CHECKIN CHECK VIEW KAMAR FRONT OFFICE</i> .....	176
4.61	HALAMAN MENU <i>CHECKIN TANGGAL MEMBER FRONT OFFICE</i> .....	177
4.62	HALAMAN MENU <i>CHECKIN MEMBER BAYAR FRONT OFFICE</i> 178	

4.63	HALAMAN MENU <i>CHECKIN NONMEMBER FRONT OFFICE</i>	.179
4.64	HALAMAN MENU <i>CHECKIN TANGGAL AGENCY FRONT OFFICE</i> .....	180
4.65	HALAMAN MENU <i>CHECKIN AGENCY BAYAR FRONT OFFICE</i>	
	181	
4.66	HALAMAN MENU <i>CHECKIN PEMBAYARAN RESERAVASI MEMBER FRONT OFFICE</i> .....	182
4.67	HALAMAN MENU <i>CHECKIN PEMBAYARAN RESERAVASI AGENCY FRONT OFFICE</i> .....	183
4.68	HALAMAN MENU AWAL MEMBER ATAU AGENCY.....	184
4.69	HALAMAN MENU <i>ROOM MEMBER ATAU AGENCY</i> .....	186
4.71	HALAMAN MENU <i>DETAIL ROOM MEMBER ATAU AGENCY</i> ...187	
4.72	HALAMAN MENU <i>FACILITIES MEMBER ATAU AGENCY</i> .....188	
4.73	HALAMAN MENU <i>DETAIL FACILITIES MEMBER ATAU AGENCY</i>	
	189	
4.74	HALAMAN MENU <i>ABOUT US MEMBER ATAU AGENCY</i> .....	190
4.75	HALAMAN MENU <i>TESTIMONIAL MEMBER ATAU AGENCY</i> ..191	
4.76	HALAMAN MENU <i>RESERVATION MEMBER ATAU AGENCY</i> .192	
4.77	HALAMAN MENU <i>SUBMIT RESERVATION MEMBER ATAU AGENCY</i> .....	193
4.78	HALAMAN MENU <i>CHECK ROOM DATE MEMBER ATAU AGENCY</i> .....	194
4.79	HALAMAN MENU <i>VIEW CHECK ROOM MEMBER ATAU AGENCY</i> .....	195
BAB V	<i>PEMBAHASAN DAN UJI COBA HASIL PENELITIAN</i> .....	196
5.1	<i>LOGIN GAGAL</i> .....	196
5.2	<i>REGISTRASI GAGAL</i> .....	197

5.3	CHECK TANGGAL.....	200
5.4	INPUT DATA KE DATABASE.....	202
5.5	KONFIRMASI .....	217
BAB VI SIMPULAN DAN SARAN .....		227
6.1	SIMPULAN .....	227
6.2	SARAN .....	227
DAFTAR PUSTAKA.....		xxvi
RIWAYAT HIDUP PENULIS .....		xxvii

## DAFTAR GAMBAR

Gambar 1 Entitas Biasa .....	8
Gambar 2 Entitas Lemah .....	8
Gambar 3 <i>Partial Relasi</i> .....	9
Gambar 4 <i>Attribute</i> .....	10
Gambar 5 <i>Attribute</i> Sederhana .....	12
Gambar 6 <i>Attribute</i> komposit .....	12
Gambar 7 <i>Attribute</i> bernilai satu .....	13
Gambar 8 <i>Attribute</i> bernilai banyak.....	13
Gambar 9 <i>Attribute</i> turunan .....	13
Gambar 10 <i>Attribute</i> harus bernilai .....	14
Gambar 11 <i>Attribute</i> tidak harus bernilai.....	14
Gambar 12 <i>Flowchart</i> .....	21
Gambar 13 <i>Script PHP</i> .....	23
Gambar 14 Gambar : Flowchart Reservasi.....	30
Gambar 15 Gambar : Flowchart Pembayaran Reservasi.....	31
Gambar 16 Gambar : Flowchart <i>Check in</i> .....	32
Gambar 17 Gambar : Flowchart Laporan Reservasi .....	33
Gambar 18 Gambar : Flowchart Laporan Transaksi .....	34
Gambar 19 Gambar : Flowchart Check Out .....	35
Gambar 20 DFD Level 0 .....	36
Gambar 21 DFD Level 1 .....	37
Gambar 22 DFD Level 2 Proses 1 .....	38
Gambar 23 DFD Level 2 Proses 2 .....	39
Gambar 24 DFD Level 2 Proses 3 .....	40
Gambar 25 DFD Level 2 Proses 4 .....	41
Gambar 26 DFD Level 2 Proses 5 .....	42
Gambar 27 DFD Level 3 Proses 2.1 .....	43
Gambar 28 DFD Level 3 Proses 2.2 .....	43
Gambar 29 DFD Level 3 Proses 2.3 .....	44

Gambar 30 DFD Level 3 Proses 2.4 .....	44
Gambar 31 DFD Level 3 Proses 2.5 .....	45
Gambar 32 DFD Level 3 Proses 3.1 .....	45
Gambar 33 DFD Level 3 Proses 3.2 .....	46
Gambar 34 DFD Level 3 Proses 3.3 .....	46
Gambar 35 DFD Level 3 Proses 4.1 .....	47
Gambar 36 DFD Level 3 Proses 5.3 .....	47
Gambar 37 ER – Diagram .....	48
Gambar 38 WEBSITE MAP .....	73
Gambar 39 Form 1 Halaman Awal Welcome .....	75
Gambar 40 Form 2 Halaman Awal Menu Services .....	77
Gambar 41 Form 3 Halaman Awal Menu <i>Facilities</i> .....	78
Gambar 42 Form 4 Halaman Awal Menu Testimonial .....	79
Gambar 43 Form 5 Halaman Awal Menu About Us .....	80
Gambar 44 Form 6 Halaman Awal Menu Registration .....	82
Gambar 45 Form 7 Halaman Menu Utama <i>Admin</i> .....	84
Gambar 46 Form 8 Halaman Pengelolaan Data Kamar <i>Admin</i> .....	85
Gambar 47 Form 9 Halaman Pengelolaan Data Fasilitas <i>Admin</i> .....	87
Gambar 48 Form 10 Halaman Pengelolaan Data <i>Sms gateway Admin</i> .....	89
Gambar 49 Form 11 Halaman Pengelolaan Data Testimonial <i>Admin</i> .....	90
Gambar 50 Form 12 Halaman Pengelolaan Data Reservasi <i>Admin</i> .....	92
Gambar 51 Form 13 Halaman Pengelolaan Data Pegawai <i>Admin</i> .....	93
Gambar 52 Form 14 Halaman Pengelolaan Tambah <i>Front office Admin</i> .....	95
Gambar 53 Form 15 Halaman Pengelolaan Tambah Manager <i>Admin</i> .....	98
Gambar 54 Form 16 Halaman Pengelolaan Manage Member <i>Admin</i> .....	100
Gambar 55 Form 17 Halaman Menu Utama Manager .....	101
Gambar 56 Form 18 Halaman <i>Report Manager</i> .....	102
Gambar 57 Form 19 Halaman Testimonial Manager .....	104
Gambar 58 Form 20 Halaman Menu Utama <i>Front office</i> .....	106
Gambar 59 Form 21 Halaman Menu <i>Check Room Front office</i> .....	107
Gambar 60 Form 20 Halaman Menu <i>Facilities Front office</i> .....	109
Gambar 61 Form 23 Halaman Menu <i>Report Front office</i> .....	110

Gambar 62 Form 24 Halaman Menu <i>Checkin Front office</i> .....	112
Gambar 63 Form 25.1 Halaman Menu <i>Checkin Front office Insert Date</i> ....	114
Gambar 64 Form 25.2 Halaman Menu <i>Checkin Front office</i> .....	116
Gambar 65 Form 26 Halaman Menu Reservation <i>Checkin Front office</i> .....	118
Gambar 66 Form 27 Halaman Menu Utama Member .....	120
Gambar 67 Form 28 Halaman Menu Utama Member <i>Room</i> .....	121
Gambar 68 Form 29 Halaman Menu Utama Member <i>Facilities</i> .....	123
Gambar 69 Form 30 Halaman Menu Utama Member <i>About Us</i> .....	124
Gambar 70 Form 31 Halaman Menu Utama Member <i>Testimonial</i> .....	126
Gambar 71 Form 32 Halaman Menu Utama Member <i>Reservation</i> .....	128
Gambar 72 Form 33 Halaman Menu Member <i>Check Room</i> .....	130
Gambar 73 Halaman <i>Login</i> .....	132
Gambar 74 Halaman Menu Awal Services .....	133
Gambar 75 Halaman Menu Awal <i>Facilities</i> .....	134
Gambar 76 Halaman Menu Awal <i>Testimonials</i> .....	135
Gambar 77 Halaman Menu Awal <i>About Us</i> .....	136
Gambar 78 Halaman Menu Awal <i>Registration</i> .....	137
Gambar 79 Halaman Menu Awal <i>Admin</i> .....	138
Gambar 80 Halaman Menu <i>Room Admin</i> .....	139
Gambar 81 Halaman Menu <i>View Room Admin</i> .....	140
Gambar 82 Halaman Menu <i>Edit Room Admin</i> .....	141
Gambar 83 Halaman Menu <i>Facilities Admin</i> .....	142
Gambar 84 Halaman Menu <i>Edit Facilities Admin</i> .....	143
Gambar 85 Halaman Report Admin. ....	144
Gambar 86 Halaman Menu <i>Report Admin</i> .....	145
Gambar 87 Halaman <i>Cancel Reservation Report Admin</i> .....	146
Gambar 88 Halaman <i>Font Office Recapitulation Admin</i> .....	147
Gambar 89 Halaman <i>Manager Recapitulation Admin</i> .....	147
Gambar 90 Halaman <i>Member Recapitulation Admin</i> .....	148
Gambar 91 Halaman <i>Agen Recapitulation Admin</i> .....	148
Gambar 92 Halaman <i>Room Recapitulation Admin</i> .....	149
Gambar 93 Halaman <i>Facilities Recapitulation Admin</i> .....	149

Gambar 94 Halaman <i>Testimonial Recapitulation Admin</i> .....	150
Gambar 95 Halaman <i>Banned Id Admin</i> .....	150
Gambar 96 Halaman <i>Total Income Admin</i> .....	151
Gambar 97 Halaman <i>The Highest Price Of Reservation</i> .....	151
Gambar 98 Halaman <i>The Highest Price Of Check In</i> .....	152
Gambar 99 Halaman <i>The Most Wanted Room</i> .....	152
Gambar 100 Halaman <i>The Frequent Member Checkin</i> .....	153
Gambar 101 Halaman <i>The Frequent Member Reservasi</i> .....	153
Gambar 102 Halaman <i>The Most SmsGateway Number</i> .....	154
Gambar 103 Halaman <i>The Most Post Testimonial</i> .....	154
Gambar 104 Halaman <i>The Most Member Cancel Reservation</i> .....	154
Gambar 105 Halaman Menu Testimonial <i>Admin</i> .....	155
Gambar 106 Halaman Menu Testimonial <i>Admin</i> .....	156
Gambar 107 Halaman Menu Add Employee <i>Admin</i> .....	157
Gambar 108 Halaman Menu Add Front Office <i>Admin</i> .....	158
Gambar 109 Halaman Menu Add Manager <i>Admin</i> .....	159
Gambar 110 Halaman Menu Add Agency <i>Admin</i> .....	160
Gambar 111 Halaman Menu Awal Manager .....	161
Gambar 112 Halaman Menu <i>Report Manager</i> .....	162
Gambar 113 Halaman Menu Checkin Report Manager .....	162
Gambar 114 Halaman Menu Cancel Reservation Report Manager .....	163
Gambar 115 Halaman Menu Banned Id Report Manager .....	164
Gambar 116 Halaman Menu <i>Total Income Report Manager</i> .....	164
Gambar 117 Halaman Menu <i>Highest Price Of Reservation Report Manager</i> .....	165
Gambar 118 Halaman Menu <i>Highest Price Of Checkin Report Manager</i> ...165	
Gambar 119 Halaman Menu <i>The Most Wanted Room Report Manager</i> ....166	
Gambar 120 Halaman Menu <i>The Most Frequent Member Checkin Report Manager</i> .....	166
Gambar 121 Halaman Menu <i>The Most Frequent Member Reservation Report Manager</i> .....167	

Gambar 122 Halaman Menu <i>The Most Canceled Reservation Report Manager</i> .....	167
Gambar 123 Halaman Menu Testimonial Manager.....	168
Gambar 124 Halaman Menu Reservation Manager .....	169
Gambar 125 Halaman Menu Awal <i>Front office</i> .....	170
Gambar 126 Halaman Menu <i>Room Front office</i> .....	171
Gambar 127 Halaman Menu <i>Detail Room Front office</i> .....	172
Gambar 128 Halaman Menu <i>Facilities Front office</i> .....	173
Gambar 129 Halaman Menu <i>Detail Facilities Front office</i> .....	174
Gambar 130 Halaman Menu Awal <i>Checkin Front office</i> .....	175
Gambar 131 Halaman Menu <i>Checkin Check Kamar Front office</i> .....	176
Gambar 132 Halaman Menu <i>Checkin Check View Kamar Front office</i> .....	177
Gambar 133 Halaman Menu <i>Checkin Tanggal Member Front office</i> .....	178
Gambar 134 Halaman Menu <i>Checkin Member Bayar Front office</i> .....	179
Gambar 135 Halaman Menu <i>Checkin Non Member Front office</i> .....	180
Gambar 136 Halaman Menu <i>Checkin Tanggal Agency Front office</i> .....	181
Gambar 137 Halaman Menu <i>Checkin Agency Bayar Front office</i> .....	182
Gambar 138 Halaman Menu <i>Checkin Pembayaran Reservasi Front office</i> .....	183
Gambar 139 Halaman Menu <i>Checkin Pembayaran Reservasi Agency Front office</i> .....	184
Gambar 140 Halaman Menu Awal Member atau Agency .....	185
Gambar 141 Halaman Menu <i>Room Member atau Agency</i> .....	186
Gambar 142 Halaman Menu <i>Detail Room Member atau Agency</i> .....	187
Gambar 143 Halaman Menu <i>Facilities Member atau Agency</i> .....	188
Gambar 144 Halaman Menu <i>Detail Facilities Member atau Agency</i> .....	189
Gambar 145 Halaman Menu <i>About Us Member atau Agency</i> .....	190
Gambar 146 Halaman Menu <i>Testimonial Member atau Agency</i> .....	191
Gambar 147 Halaman Menu <i>Rerservation Member atau Agency</i> .....	192
Gambar 148 Halaman Menu <i>Submit Rerservation Member atau Agency</i> ..	193
Gambar 149 Halaman Menu <i>Check Room Date Rerservation Member atau Agency</i> .....	194

Gambar 150 Halaman View Menu <i>Check Room</i> Rerservation Member atau Agency .....	195
Gambar 151 <i>Testing Login</i> gagal salah <i>username password</i> .....	196
Gambar 152 <i>Testing Login</i> <i>username password</i> kosong .....	197
Gambar 153 Registrasi gagal <i>image verification</i> .....	198
Gambar 154 Registrasi gagal <i>field</i> kosong .....	199
Gambar 155 input <i>check</i> tanggal kamar member salah .....	200
Gambar 156 input <i>check</i> tanggal <i>checkin</i> kamar pada kasir salah.....	201
Gambar 157 input <i>check</i> tanggal <i>checkin</i> member pada kasir salah.....	201
Gambar 158 input <i>check</i> tanggal <i>checkin</i> agency pada kasir salah .....	202
Gambar 159 Input data kamar gagal <i>field</i> kosong.....	203
Gambar 160 Input data kamar gambar terlalu besar.....	204
Gambar 161 Input data fasilitas gagal <i>field</i> kosong.....	205
Gambar 162 Input data fasilitas gambar terlalu besar .....	206
Gambar 163 Input data testimonial <i>admin</i> gagal <i>field</i> kosong .....	207
Gambar 164 Input data testimonial manager gagal <i>field</i> kosong.....	208
Gambar 165 Input data testimonial manager gagal <i>field</i> kosong.....	209
Gambar 166 Input <i>user</i> front office gagal <i>image verification</i> .....	210
Gambar 167 Input <i>user</i> front office <i>field</i> kosong.....	211
Gambar 168 Input <i>user</i> manager image verivication salah .....	212
Gambar 169 Input <i>user</i> manager <i>field</i> kosong .....	213
Gambar 170 Input <i>user</i> agency image verivication salah .....	214
Gambar 171 Input <i>user</i> agency <i>field</i> kosong.....	215
Gambar 172 Input uang harus lebih besar .....	216
Gambar 173 Input uang angka .....	217
Gambar 174 Konfirmasi registrasi.....	218
Gambar 175 Konfirmasi input data kamar .....	219
Gambar 176 Konfirmasi input data fasilitas.....	220
Gambar 177 Konfirmasi input testimonial <i>admin</i> .....	221
Gambar 178Konfirmasi input testimonial manager.....	222
Gambar 179 Konfirmasi input testimonial member.....	223
Gambar 180 Konfirmasi tambah data front office .....	224

Gambar 181 Konfirmasi tambah data manager .....	225
Gambar 182 Konfirmasi tambah data agen .....	226

## DAFTAR TABEL

<i>Table I</i> Komponen DFD .....	16
<i>Table II</i> Komponen Flowchart .....	17
<i>Table III</i> Tabel User .....	49
<i>Table IV</i> Tabel Kamar .....	50
<i>Table V</i> Tabel Fasilitas .....	50
<i>Table VI</i> Tabel Testimonial .....	51
<i>Table VII</i> Tabel Mengisi_Testi .....	51
<i>Table VIII</i> Tabel Reservasi.....	52
<i>Table IX</i> Tabel Detailreservasi .....	52
<i>Table X</i> Tabel Checkin .....	53
<i>Table XI</i> Tabel Detailcheckin .....	53
<i>Table XII</i> Kamus Aliran Data TUser.....	54
<i>Table XIII</i> Kamus Aliran Data TKamar .....	54
<i>Table XIV</i> Kamus Aliran Data Menambah Data TFasilitas .....	55
<i>Table XV</i> Kamus Aliran Data Mengelola Data Smsgateway .....	55
<i>Table XVI</i> Kamus Aliran Data Mengelola Data TTestimonial .....	55
<i>Table XVII</i> Kamus Aliran Data T_Mengisi_Testi .....	55
<i>Table XVIII</i> Kamus Aliran Data TReservasi .....	56
<i>Table XIX</i> Kamus Aliran Data TDetai/Reservasi .....	56
<i>Table XX</i> Kamus Aliran Data TCheckin .....	56
<i>Table XXI</i> Kamus Aliran Data TDetailcheckin .....	56
<i>Table XXII</i> Spesifikasi proses <i>signup member</i> .....	57
<i>Table XXIII</i> Spesifikasi proses <i>login</i> .....	58
<i>Table XXIV</i> Spesifikasi proses <i>input</i> data kamar.....	58
<i>Table XXV</i> Spesifikasi proses <i>update</i> data kamar .....	59
<i>Table XXVI</i> Spesifikasi proses <i>input</i> data fasilitas.....	60
<i>Table XXVII</i> Spesifikasi proses <i>update</i> data fasilitas.....	61
<i>Table XXVIII</i> Spesifikasi proses <i>input</i> data sms gateway.....	61
<i>Table XXIX</i> Spesifikasi proses tambah data user .....	62
<i>Table XXX</i> Spesifikasi proses ubah data user .....	63

<i>Table XXXI</i> Spesifikasi proses tambah atau isi data testimonial .....	64
<i>Table XXXII</i> Spesifikasi proses ubah data testimonial .....	65
<i>Table XXXIII</i> Spesifikasi proses hapus data testimonial.....	66
<i>Table XXXIV</i> Spesifikasi proses memilih kamar.....	66
<i>Table XXXV</i> Spesifikasi proses menentukan tanggal reservasi .....	67
<i>Table XXXVI</i> Spesifikasi proses menerima <i>smsgateway</i> .....	68
<i>Table XXXVII</i> Spesifikasi proses menerima <i>smsgateway</i> .....	68
<i>Table XXXVIII</i> Spesifikasi proses membatalkan reservasi melalui <i>smsgateway</i> .....	69
<i>Table XXXIX</i> Spesifikasi proses tambah atau isi data testimonial .....	70
<i>Table XL</i> Spesifikasi proses <i>checkin</i> dengan no reservasi.....	70
<i>Table XLI</i> Spesifikasi proses <i>checkin</i> .....	71
<i>Table XLII</i> Tabel Halaman Awal Welcome .....	76
<i>Table XLIII</i> Tabel Halaman Awal Menu Services .....	77
<i>Table XLIV</i> Tabel Halaman Awal Menu <i>Facilities</i> .....	79
<i>Table XLV</i> Tabel Halaman Awal Menu Testimonial .....	80
<i>Table XLVI</i> Tabel Halaman Awal Menu Testimonial .....	81
<i>Table XLVII</i> Tabel Halaman Registration .....	82
<i>Table XLVIII</i> Tabel Halaman Menu Utama <i>Admin</i> .....	84
<i>Table XLIX</i> Tabel Halaman Pengelolaan Data Kamar <i>Admin</i> .....	86
<i>Table L</i> Tabel Halaman Pengelolaan Data Fasilitas <i>Admin</i> .....	88
<i>Table LI</i> Tabel Halaman Pengelolaan Data <i>Sms gateway Admin</i> .....	89
<i>Table LII</i> Tabel Halaman Pengelolaan Data Testimonial <i>Admin</i> .....	91
<i>Table LIII</i> Tabel Halaman Pengelolaan Data Reservasi <i>Admin</i> .....	92
<i>Table LIV</i> Tabel Halaman Pengelolaan Data Pegawai <i>Admin</i> .....	93
<i>Table LV</i> Tabel Halaman Pengelolaan Tambah <i>Front office Admin</i> .....	96
<i>Table LVI</i> Tabel Halaman Pengelolaan Tambah Manager <i>Admin</i> .....	99
<i>Table LVII</i> Tabel Halaman Pengelolaan Manage Member <i>Admin</i> .....	101
<i>Table LVIII</i> Tabel Halaman Menu Utama Manager .....	102
<i>Table LIX</i> Tabel Halaman <i>Report Manager</i> .....	103
<i>Table LX</i> Tabel Halaman Testimonial Manager .....	105
<i>Table LXI</i> Tabel Halaman Menu Utama Manager .....	106

<i>Table LXII Tabel Halaman Menu Check Room Front office .....</i>	107
<i>Table LXIII Tabel Halaman Menu Facilities Front office .....</i>	109
<i>Table LXIV Tabel Halaman Menu Report Front office.....</i>	111
<i>Table LXV Tabel Halaman Menu Checkin Front office.....</i>	112
<i>Table LXVI Tabel Halaman Menu Checkin Front office Insert Date .....</i>	115
<i>Table LXVII Menu Checkin Front office.....</i>	117
<i>Table LXVIII Tabel Halaman Menu Reseravation Checkin Front office.....</i>	119
<i>Table LXIX Tabel Halaman Menu Utama Member.....</i>	120
<i>Table LXX Tabel Halaman Menu Utama Member Room .....</i>	122
<i>Table LXXI Tabel Halaman Menu Utama Member Facilities.....</i>	123
<i>Table LXXII Tabel Halaman Menu Utama Member About Us .....</i>	125
<i>Table LXXIII Tabel Halaman Menu Utama Member Testimonial.....</i>	126
<i>Table LXXIV Tabel Halaman Menu Utama Member Reservation.....</i>	129
<i>Table LXXV Tabel Halaman Menu Member Check Room .....</i>	131