

ABSTRAK

Dalam laporan Tugas Akhir ini penulis membuat suatu aplikasi tentang Implementasi *CRM* pada *Website* Penjualan *Gaming Hardware*. Aplikasi *website* ini berbasis pemrograman *PHP* dan menggunakan konsep *CRM*. Aplikasi ini menyediakan barang untuk dijual. Dalam *history* penjualan tersebut, data diolah dengan sistem untuk mendapatkan suatu *value*. Selain itu juga ada fitur dari *website* ini antara lain forum, *shoutbox*, dan *Message*. Keuntungan dengan adanya konsep *CRM* pada *website*, diharapkan dapat memaksimalkan *profit* serta menjaga *relationship* dengan pelanggan.

Kata Kunci : Implementasi *CRM*, *Website*, *PHP*, Pemesanan.

ABSTRACT

In this final report the authors create an application on the Implementation of CRM in Gaming Hardware Sales Website. This web-based application programming PHP and uses the concept of CRM. This application provides the goods for sale. In the history of sales, the data processed by the system to get a value. There was also a feature of the website include a forum, shoutbox, and message. The advantage with the concept of CRM on the website, is expected to maximize profits and maintain relationships with customers.

Keywords: Implementation of CRM, Website, PHP, Ordering.

DAFTAR ISI

Kata Pengantar	i
Abstrak	iii
Daftar Isi	v
Daftar Gambar	viii
Daftar Tabel	xii
Daftar Lampiran	xvi
BAB I PENDAHULUAN	1
1.1. Latar Belakang	1
1.2. Rumusan Masalah	1
1.3. Tujuan Pembahasan	2
1.4. Ruang Lingkup Kajian	2
1.5. Sumber Data	6
1.6. Sistematika Penyajian	6
BAB II KAJIAN TEORI	7
II.1 CRM	7
II.2 PHP	11
II.3 ERD (Entity Relationship Diagram)	14
II.4 DFD (Data Flow Diagram)	19
II.5 Kamus Data	21
II.6 PSPEC (Spesifikasi Proses)	22
II.7 HTML	22
II.8 CSS	23
II.9 Web Widged	24
II.10 ArGoSoft Mail Server	25
BAB III ANALISIS DAN RANCANGAN SISTEM	26
III.1 PROSES BISNIS	26
III.1.1 Pemesanan <i>Online / Shopping Cart</i>	26
III.1.2 Proses Pengiriman	29
III.1.3 Proses Pembayaran	30
III.1.4 Proses Retur	31
III.1.5 Proses CRM	33
III.1.6 Proses Bisnis Daftar	35
III.1.7 Proses Bisnis <i>Login</i>	36
III.1.8 Proses Bisnis Kelola data pada <i>admin</i>	38
III.1.9 Proses Bisnis Forum	42
III.1.10 Proses Bisnis <i>ShoutBox</i>	45
III.1.11 Proses Bisnis <i>Message</i>	45
III.2 ENTITY RELATIONSHIP DIAGRAM	47
III.2.1 ERD	47
III.3 PHYSICAL RELATIONSHIP	48
III.4 DFD	49
III.4.1 DFD LV 0	49
III.4.2 DFD LV 1	50

III.4.3	<i>DFD LV 2 PROSES 1</i>	51
III.4.4	<i>DFD LV 2 PROSES 2</i>	52
III.4.5	<i>DFD LV 2 PROSES 3</i>	53
III.4.6	<i>DFD LV 2 PROSES 4</i>	54
III.4.7	<i>DFD LV 3 PROSES 1.1</i>	55
III.4.8	<i>DFD LV 3 PROSES 1.2</i>	56
III.4.9	<i>DFD LV 3 PROSES 1.3</i>	57
III.4.10	<i>DFD LV 3 PROSES 1.4</i>	58
III.4.11	<i>DFD LV 3 PROSES 1.5</i>	59
III.4.12	<i>DFD LV 3 PROSES 1.6</i>	60
III.4.13	<i>DFD LV 3 PROSES 1.7</i>	61
III.4.14	<i>DFD LV 3 PROSES 1.8</i>	62
III.4.15	<i>DFD LV 3 PROSES 1.9</i>	63
III.4.16	<i>DFD LV 3 PROSES 1.10</i>	64
III.4.17	<i>DFD LV 3 PROSES 1.11</i>	65
III.4.18	<i>DFD LV 3 PROSES 2.7</i>	66
III.4.19	<i>DFD LV 4 PROSES 1.6.1</i>	67
III.4.20	<i>DFD LV 4 PROSES 1.6.2</i>	68
III.4.21	<i>DFD LV 4 PROSES 1.6.4</i>	69
III.4.22	<i>DFD LV 4 PROSES 1.6.12</i>	70
III.5	KAMUS DATA	71
III.6	PSPEC.....	78
III.7	<i>USER INTERFACE DESIGN</i>	105
III.7.1	<i>UID WEBSITE</i>	105
III.7.2	<i>UID ADMIN</i>	122
BAB IV	HASIL PENELITIAN	157
IV.1	Halaman <i>Website</i>	157
IV.1.1	<i>Home sebelum login</i>	157
IV.1.2	<i>Register</i>	158
IV.1.3	<i>FAQ</i>	158
IV.1.4	<i>Website sesudah login</i>	159
IV.1.5	<i>Profil</i>	159
IV.1.6	<i>Menu</i>	160
IV.1.7	<i>Detail Barang</i>	160
IV.1.8	<i>Shopping Cart</i>	161
IV.1.9	<i>Detail Shopping Cart</i>	161
IV.1.10	<i>Pesan</i>	162
IV.1.11	<i>Confirm Pembayaran</i>	162
IV.1.12	<i>Retur</i>	163
IV.1.13	<i>Detail Retur</i>	163
IV.1.14	<i>ShoutBox</i>	164
IV.1.15	<i>Forum</i>	164
IV.1.16	<i>Forum – New Bahasan</i>	165
IV.1.17	<i>Forum – Bahasan</i>	165
IV.1.18	<i>Forum - Balasan</i>	166

IV.1.19	<i>Message</i>	166
IV.2	Halaman <i>Admin</i>	167
IV.2.1	<i>Admin Home</i>	167
IV.2.2	<i>Admin Data Barang</i>	168
IV.2.3	<i>Admin Data Pelanggan</i>	169
IV.2.4	<i>Admin Data Kota</i>	170
IV.2.5	<i>Admin Data Propinsi</i>	171
IV.2.6	<i>Admin Data Merk</i>	172
IV.2.7	<i>Admin Data Kategori</i>	173
IV.2.8	<i>Admin Data Grade</i>	174
IV.2.9	<i>Admin Data News</i>	175
IV.2.10	<i>Admin Data FAQ</i>	176
IV.2.11	<i>Admin Data Terms</i>	177
IV.2.12	<i>Admin Pemesanan</i>	178
IV.2.13	<i>Admin Confirm Pemesanan</i>	179
IV.2.14	<i>Admin Confirm Pembayaran</i>	180
IV.2.15	<i>Admin Confirm Pengiriman</i>	181
IV.2.16	<i>Admin Retur</i>	182
IV.2.17	<i>Admin Confirm Retur</i>	183
IV.2.18	<i>Admin Forum Bahasan</i>	184
IV.2.19	<i>Admin Forum Balasan</i>	185
IV.2.20	<i>Admin Message</i>	186
IV.2.21	<i>Admin Message Inbox</i>	187
IV.2.22	<i>Admin Message Draft</i>	188
IV.2.23	<i>Admin Message Send</i>	189
IV.2.24	<i>Admin CRM Ask</i>	190
IV.2.25	<i>Admin CRM Favorite</i>	191
IV.2.26	<i>Admin CRM Search</i>	192
IV.2.27	<i>Admin CRM Last Pemesanan</i>	193
IV.2.28	<i>Admin CRM Log Login</i>	194
IV.2.29	<i>Admin CRM Last Buy</i>	195
IV.2.30	<i>Admin CRM Range</i>	196
IV.2.31	<i>Admin CRM Tempat</i>	197
IV.2.32	<i>Admin CRM Top Pelanggan</i>	198
IV.2.33	<i>Admin CRM Top Barang</i>	199
IV.2.34	<i>Admin CRM Bad Barang</i>	200
IV.2.35	<i>Admin CRM Birthday</i>	201
BAB V	PEMBAHASAN DAN UJI COBA HASIL PENELITIAN	202
V.1	<i>BlackBox Testing</i>	202
V.1.1	<i>BlackBox Website</i>	202
V.1.2	<i>BlackBox Admin</i>	210
V.2	Rekapitulasi <i>Data Kuesioner</i>	219
BAB VI	SIMPULAN DAN SARAN	ii
VI.1	Simpulan	ii
VI.2	Saran	ii

DAFTAR GAMBAR

Gambar 1	<i>ERD</i> lambang entitas	14
Gambar 2	<i>ERD</i> lambang atribut.....	14
Gambar 3	<i>ERD</i> lambang relasi	15
Gambar 4	<i>ERD</i> relasi satu ke satu.....	15
Gambar 5	<i>ERD</i> relasi satu ke banyak.....	16
Gambar 6	<i>ERD</i> relasi banyak ke satu.....	16
Gambar 7	<i>ERD</i> relasi banyak ke banyak	16
Gambar 8	<i>DFD</i> lambang entitas	19
Gambar 9	<i>DFD</i> lambang aliran data	19
Gambar 10	<i>DFD</i> lambang proses	20
Gambar 11	<i>DFD</i> lambang penyimpanan data	20
Gambar 12	<i>Flowchart</i> Pemesanan 1	27
Gambar 13	<i>Flowchart</i> Pemesanan 2	28
Gambar 14	<i>Flowchart</i> Pengiriman	29
Gambar 15	<i>Flowchart</i> Pembayaran	30
Gambar 16	<i>Flowchart</i> Retur.....	32
Gambar 17	<i>Flowchart</i> Daftar.....	35
Gambar 18	<i>Flowchart</i> Login.....	37
Gambar 19	<i>Flowchart</i> Kelola data insert.....	39
Gambar 20	<i>Flowchart</i> Kelola data <i>update</i>	40
Gambar 21	<i>Flowchart</i> Kelola data delete.....	41
Gambar 22	<i>Flowchart</i> Bahasan	43
Gambar 23	<i>Flowchart</i> Balasan.....	44
Gambar 24	<i>ERD</i>	47
Gambar 25	<i>Physical Relationship</i>	48
Gambar 26	<i>DFD</i> lv 0	49
Gambar 27	<i>DFD</i> lv 1	50
Gambar 28	<i>DFD</i> lv 2 proses 1	51
Gambar 29	<i>DFD</i> lv 2 proses 2	52
Gambar 30	<i>DFD</i> lv 2 proses 3	53
Gambar 31	<i>DFD</i> lv 2 proses 4	54
Gambar 32	<i>DFD</i> lv 3 proses 1.1	55
Gambar 33	<i>DFD</i> lv 3 proses 1.2	56
Gambar 34	<i>DFD</i> lv 3 proses 1.3	57
Gambar 35	<i>DFD</i> lv 3 proses 1.4	58
Gambar 36	<i>DFD</i> lv 3 proses 1.5	59
Gambar 37	<i>DFD</i> lv 3 proses 1.6	60
Gambar 38	<i>DFD</i> lv 3 proses 1.7	61
Gambar 39	<i>DFD</i> lv 3 proses 1.8	62
Gambar 40	<i>DFD</i> lv 3 proses 1.9	63
Gambar 41	<i>DFD</i> lv 3 proses 1.10	64
Gambar 42	<i>DFD</i> lv 3 proses 1.11	65

Gambar 43	<i>DFD</i> lv 3 proses 2.7	66
Gambar 44	<i>DFD</i> lv 4 proses 1.6.1	67
Gambar 45	<i>DFD</i> lv 4 proses 1.6.2	68
Gambar 46	<i>DFD</i> lv 4 proses 1.6.4	69
Gambar 47	<i>DFD</i> lv 4 proses 1.6.12	70
Gambar 48	<i>Home</i> sebelum <i>login</i>	105
Gambar 49	<i>Register</i>	106
Gambar 50	<i>Home</i> sesudah <i>login</i>	107
Gambar 51	<i>UI-Menu</i>	108
Gambar 52	Detail Barang	109
Gambar 53	<i>ShopCart</i>	110
Gambar 54	Pesan.....	111
Gambar 55	<i>Confirm</i> pemesanan.....	112
Gambar 56	<i>Confirm</i> pembayaran.....	113
Gambar 57	<i>Confirm</i> pengiriman	114
Gambar 58	Retur	115
Gambar 59	Forum Bahasan.....	116
Gambar 60	Forum Balasan.....	117
Gambar 61	<i>ShoutBox</i>	118
Gambar 62	<i>Message</i>	119
Gambar 63	<i>FAQ</i>	120
Gambar 64	<i>Terms</i>	121
Gambar 65	<i>Admin Home</i>	122
Gambar 66	<i>Admin Data-Barang</i>	123
Gambar 67	<i>Admin Data-Pelanggan</i>	124
Gambar 68	<i>Admin Data-Kota</i>	125
Gambar 69	<i>Admin Data-Propinsi</i>	126
Gambar 70	<i>Admin Data-Merk</i>	127
Gambar 71	<i>Admin Data-Kategori</i>	128
Gambar 72	<i>Admin Data-Grade</i>	129
Gambar 73	<i>Admin Data-News</i>	130
Gambar 74	<i>Admin Data-FAQ</i>	131
Gambar 75	<i>Admin Data-Terms</i>	132
Gambar 76	<i>Admin Pemesanan</i>	133
Gambar 77	<i>Admin Confirm Pemesanan</i>	134
Gambar 78	<i>Admin Confirm Pembayaran</i>	135
Gambar 79	<i>Admin Confirm Pengiriman</i>	136
Gambar 80	<i>Admin Retur</i>	137
Gambar 81	<i>Admin Confirm Retur</i>	138
Gambar 82	<i>Admin Forum-Bahasan</i>	139
Gambar 83	<i>Admin Forum-Balasan</i>	140
Gambar 84	<i>Admin Message</i>	141
Gambar 85	<i>Admin Message Inbox</i>	142
Gambar 86	<i>Admin Message Draft</i>	143
Gambar 87	<i>Admin Message Send</i>	144

Gambar 88	<i>Admin CRM-Ask</i>	145
Gambar 89	<i>Admin CRM-Favorite</i>	146
Gambar 90	<i>Admin CRM-Search</i>	147
Gambar 91	<i>Admin CRM-Last Pemesanan</i>	148
Gambar 92	<i>Admin CRM-Log Login</i>	149
Gambar 93	<i>Admin CRM-Last buy</i>	150
Gambar 94	<i>Admin CRM-Range</i>	151
Gambar 95	<i>Admin CRM-Tempat</i>	152
Gambar 96	<i>Admin CRM-Top Pelanggan</i>	153
Gambar 97	<i>Admin CRM-Top Barang</i>	154
Gambar 98	<i>Admin CRM-Bad Barang</i>	155
Gambar 99	<i>Admin CRM-Birthday</i>	156
Gambar 100	<i>Website sebelum Login</i>	157
Gambar 101	<i>Register</i>	158
Gambar 102	<i>FAQ</i>	158
Gambar 103	<i>Website sesudah Login</i>	159
Gambar 104	<i>Profil</i>	159
Gambar 105	<i>Menu</i>	160
Gambar 106	<i>Detail Barang</i>	160
Gambar 107	<i>Shopping Cart</i>	161
Gambar 108	<i>Detail Shopping Cart</i>	161
Gambar 109	<i>Pesan</i>	162
Gambar 110	<i>Confirm Pembayaran</i>	162
Gambar 111	<i>Retur</i>	163
Gambar 112	<i>Detail Retur</i>	163
Gambar 113	<i>ShoutBox</i>	164
Gambar 114	<i>Forum</i>	164
Gambar 115	<i>Forum – New Bahasan</i>	165
Gambar 116	<i>Bahasan</i>	165
Gambar 117	<i>Balasan</i>	166
Gambar 118	<i>Message</i>	166
Gambar 119	<i>Admin Home</i>	167
Gambar 120	<i>Admin Data Barang</i>	168
Gambar 121	<i>Admin Data Pelanggan</i>	169
Gambar 122	<i>Admin Data Kota</i>	170
Gambar 123	<i>Admin Data Propinsi</i>	171
Gambar 124	<i>Admin Data Merk</i>	172
Gambar 125	<i>Admin Data Kategori</i>	173
Gambar 126	<i>Admin Data Grade</i>	174
Gambar 127	<i>Admin Data News</i>	175
Gambar 128	<i>Admin Data FAQ</i>	176
Gambar 129	<i>Admin Data Terms</i>	177
Gambar 130	<i>Admin Pemesanan</i>	178
Gambar 131	<i>Admin Confirm Pemesanan</i>	179
Gambar 132	<i>Admin Confirm Pembayaran</i>	180

Gambar 133 <i>Admin Confirm Pengiriman</i>	181
Gambar 134 <i>Admin Retur</i>	182
Gambar 135 <i>Admin Confirm Retur</i>	183
Gambar 136 <i>Admin Forum Bahasan</i>	184
Gambar 137 <i>Admin Forum Balasan</i>	185
Gambar 138 <i>Admin Message</i>	186
Gambar 139 <i>Admin Message Inbox</i>	187
Gambar 140 <i>Admin Message Draft</i>	188
Gambar 141 <i>Admin Message Send</i>	189
Gambar 142 <i>Admin CRM Ask</i>	190
Gambar 143 <i>Admin CRM Favorite</i>	191
Gambar 144 <i>Admin CRM Search</i>	192
Gambar 145 <i>Admin CRM Last Pemesanan</i>	193
Gambar 146 <i>Admin CRM Log Login</i>	194
Gambar 147 <i>Admin CRM Last Buy</i>	195
Gambar 148 <i>Admin CRM Range</i>	196
Gambar 149 <i>Admin CRM Tempat</i>	197
Gambar 150 <i>Admin CRM Top Pelanggan</i>	198
Gambar 151 <i>Admin CRM Top Barang</i>	199
Gambar 152 <i>Admin CRM Bad Barang</i>	200
Gambar 153 <i>Admin CRM BirthDay</i>	201
Gambar 154 <i>Clustered Colomn</i>	219

DAFTAR TABEL

Table i Kamus Data	21
Table ii Kamus Data Barang	71
Table iii Kamus Data <i>Favorite</i>	71
Table iv Kamus Data Pemesanan.....	72
Table v Kamus Data DetailPemesanan	72
Table vi Kamus Data Retur.....	72
Table vii Kamus Data DetailRetur	73
Table viii Kamus Data Pengguna.....	73
Table ix Kamus Data Kota	74
Table x Kamus Data Propinsi	74
Table xi Kamus Data Kategori	74
Table xii Kamus Data Warna	74
Table xiii Kamus Data Merk	75
Table xiv Kamus Data <i>Ask</i>	75
Table xv Kamus Data <i>LogSearch</i>	75
Table xvi Kamus Data Bahasan.....	75
Table xvii Kamus Data Balasan	76
Table xviii Kamus Data <i>Message</i>	76
Table xix Kamus Data <i>Grade</i>	76
Table xx Kamus Data <i>News</i>	77
Table xxi Kamus Data <i>FAQ</i>	77
Table xxii Kamus Data <i>Terms</i>	77
Table xxiii <i>PSPEC Search</i> Barang	78
Table xxiv <i>PSPEC View</i> Barang	78
Table xxv <i>PSPEC Insert</i> Barang.....	78
Table xxvi <i>PSPEC Update</i> Barang.....	79
Table xxvii <i>PSPEC Delete</i> Barang.....	79
Table xxviii <i>PSPEC Search</i> Pengguna	79
Table xxix <i>PSPEC View</i> Pengguna.....	80
Table xxx <i>PSPEC Insert</i> Pengguna	80
Table xxxi <i>PSPEC Update</i> Pengguna.....	80
Table xxxii <i>PSPEC Delete</i> Pengguna	81
Table xxxiii <i>PSPEC Login</i>	81
Table xxxiv <i>PSPEC Lupa Password</i>	81
Table xxxv <i>PSPEC Search</i> Kota	82
Table xxxvi <i>PSPEC View</i> Kota.....	82
Table xxxvii <i>PSPEC Insert</i> Kota.....	82
Table xxxviii <i>PSPEC Update</i> Kota	83
Table xxxix <i>PSPEC Delete</i> Kota	83
Table xl <i>PSPEC Search</i> Propinsi.....	83
Table xli <i>PSPEC View</i> Propinsi.....	84
Table xlii <i>PSPEC Insert</i> Propinsi.....	84

Table xliii <i>PSPEC Update Propinsi</i>	84
Table xliv <i>PSPEC Delete Propinsi</i>	85
Table xlv <i>PSPEC View Merk</i>	85
Table xlvi <i>PSPEC Insert Merk</i>	85
Table xlvii <i>PSPEC Update Merk</i>	86
Table xlviii <i>PSPEC Delete Merk</i>	86
Table xlix <i>PSPEC View Grade</i>	86
Table l <i>PSPEC Update Grade</i>	87
Table li <i>PSPEC View News</i>	87
Table lii <i>PSPEC Insert News</i>	87
Table liii <i>PSPEC Update News</i>	88
Table liv <i>PSPEC Delete News</i>	88
Table lv <i>PSPEC View FAQ</i>	88
Table lvi <i>PSPEC Insert FAQ</i>	89
Table lvii <i>PSPEC Update FAQ</i>	89
Table lviii <i>PSPEC Delete FAQ</i>	89
Table lix <i>PSPEC View Terms</i>	90
Table lx <i>PSPEC Insert Terms</i>	90
Table lxi <i>PSPEC Update Terms</i>	90
Table lxii <i>PSPEC Delete Terms</i>	91
Table lxiii <i>PSPEC View Kategori</i>	91
Table lxiv <i>PSPEC Insert Kategori</i>	91
Table lxv <i>PSPEC Update Kategori</i>	92
Table lxvi <i>PSPEC Delete Kategori</i>	92
Table lxvii <i>PSPEC View Pemesanan</i>	92
Table lxviii <i>PSPEC Insert Pemesanan</i>	93
Table lxix <i>PSPEC Delete Pemesanan</i>	93
Table lxx <i>PSPEC Confirm Pembayaran</i>	93
Table lxxi <i>PSPEC Confirm Pengiriman</i>	94
Table lxxii <i>PSPEC Confirm User</i>	94
Table lxxiii <i>PSPEC View Retur</i>	94
Table lxxiv <i>PSPEC Insert Retur</i>	95
Table lxxv <i>PSPEC Delete Retur</i>	95
Table lxxvi <i>PSPEC Confirm Retur</i>	95
Table lxxvii <i>PSPEC Search Bahasan</i>	96
Table lxxviii <i>PSPEC View Bahasan</i>	96
Table lxxix <i>PSPEC Insert Bahasan</i>	96
Table lxxx <i>PSPEC Update Bahasan</i>	97
Table lxxxi <i>PSPEC Delete Bahasan</i>	97
Table lxxxii <i>PSPEC View Balasan</i>	97
Table lxxxiii <i>PSPEC Insert Balasan</i>	98
Table lxxxiv <i>PSPEC Update Balasan</i>	98
Table lxxxv <i>PSPEC Delete Balasan</i>	98
Table lxxxvi <i>PSPEC View Message</i>	99
Table lxxxvii <i>PSPEC Send Message</i>	99

Table lxxxviii <i>PSPEC Delete Message</i>	99
Table lxxxix <i>PSPEC View ask</i>	100
Table xc <i>PSPEC Auto Send ask</i>	100
Table xci <i>PSPEC View favorite</i>	100
Table xcii <i>PSPEC Auto Send favorite</i>	101
Table xciii <i>PSPEC View search</i>	101
Table xciv <i>PSPEC View last pemesanan</i>	101
Table xcv <i>PSPEC Auto Send last pemesanan</i>	102
Table xcvi <i>PSPEC View Log Login</i>	102
Table xcvi <i>PSPEC View Last buy</i>	102
Table xcvi <i>PSPEC View Range</i>	103
Table xcix <i>PSPEC View Tempat</i>	103
Table c <i>PSPEC View Top Pelanggan</i>	103
Table ci <i>PSPEC View Top Barang</i>	104
Table cii <i>PSPEC View Bad Barang</i>	104
Table ciii <i>PSPEC View Birthday</i>	104
Table civ <i>PSPEC Auto send Birthday</i>	104
Table cv <i>BlackBox Login Website</i>	202
Table cvi <i>BlackBox Register</i>	203
Table cvii <i>BlackBox Website sesudah Login</i>	203
Table cviii <i>BlackBox Profil</i>	204
Table cix <i>BlackBox Menu</i>	204
Table cx <i>BlackBox Detail Barang</i>	204
Table cxi <i>BlackBox Shopping Cart</i>	205
Table cxii <i>BlackBox Detail Shopping Cart</i>	205
Table cxiii <i>BlackBox Pesan</i>	206
Table cxiv <i>BlackBox Confirm Pembayaran</i>	206
Table cxv <i>BlackBox Retur</i>	207
Table cxvi <i>BlackBox Detail Retur</i>	207
Table cxvii <i>BlackBox Forum</i>	207
Table cxviii <i>BlackBox Forum New Bahasan</i>	208
Table cxix <i>BlackBox Forum Thread</i>	208
Table cxx <i>BlackBox Balasan</i>	208
Table cxxi <i>BlackBox Message</i>	209
Table cxxii <i>BlackBox Admin Data</i>	210
Table cxxiii <i>BlackBox Data Barang</i>	210
Table cxxiv <i>BlackBox Data Pelanggan</i>	211
Table cxxv <i>BlackBox Data Kota</i>	211
Table cxxvi <i>BlackBox Data Propinsi</i>	212
Table cxxvii <i>BlackBox Data Merk</i>	213
Table cxxviii <i>BlackBox Data Kategori</i>	213
Table cxxix <i>BlackBox Data Grade</i>	214
Table cxxx <i>BlackBox Data News</i>	214
Table cxxxi <i>BlackBox Data Faq</i>	215
Table cxxxii <i>BlackBox Admin Data Terms</i>	216

Table cxxxiii <i>BlackBox Confirm Pemesanan</i>	216
Table cxxxiv <i>BlackBox Confirm Retur</i>	216
Table cxxxv <i>BlackBox Forum Bahasan</i>	217
Table cxxxvi <i>BlackBox Forum Balasan</i>	217
Table cxxxvii <i>BlackBox Admin Message</i>	218
Table cxxxviii <i>BlackBox CRM Ask</i>	218

DAFTAR LAMPIRAN

Lampiran A—RIWAYAT HIDUP PENULIS.....	A-1
Lampiran B—KUESIONER.....	B-1