

DAFTAR ISI

<i>ABSTRAK</i>	<i>ii</i>
<i>ABSTRACT</i>	<i>iii</i>
<i>LEMBAR PENGESAHAN</i>	<i>iv</i>
<i>LEMBAR PERNYATAAN ORISINALITAS</i>	<i>v</i>
<i>KATA PENGANTAR</i>	<i>vi</i>
<i>DAFTAR ISI</i>	<i>viii</i>
<i>DAFTAR GAMBAR</i>	<i>xv</i>
<i>DAFTAR TABEL</i>	<i>xix</i>
<i>DAFTAR LAMPIRAN</i>	<i>xxi</i>
<i>DAFTAR ISTILAH</i>	<i>xxii</i>
<i>BAB I PENDAHULUAN</i>	<i>23</i>
I.1 Latar Belakang	23
I.2 Perumusan Masalah	26
I.3 Tujuan Penelitian	26
I.4 Batasan Penelitian	27
I.5 Manfaat Penelitian	27
I.6 Sistematika Penulisan	28
<i>BAB II TINJAUAN PUSTAKA</i>	<i>29</i>
II.1 CV. Yasuda Jaya Tour	29
II.2 Pariwisata	29
II.3 Biro Perjalanan Wisata	30
II.4 Marketing	30
II.5 Sistem Informasi	31

II.6	Integrasi.....	32
II.7	Software Development Life Cycle (SDLC).....	33
II.7.1	Model Iterative Incremental.....	34
II.7.2	Model Waterfall.....	35
II.7.3	Model V-Model.....	36
II.8	Unified Modeling Language	37
II.8.1	Use Case Diagram.....	38
II.8.2	Activity Diagram.....	39
II.8.3	Sequence diagram	41
II.8.4	Class diagram	42
II.8.5	Entity Relationship Diagram.....	43
II.8.6	Deployment Diagram	43
II.9	Framework Laravel.....	44
II.10	Konsep Model View Controller (MVC).....	45
II.11	MySQL	47
II.12	Skema Warna	47
II.13	<i>Blackbox Testing</i>	48
II.14	<i>Usability Testing</i>	49
II.15	<i>System usability scale (SUS)</i>	50
II.16	Penelitian Terdahulu.....	53
II.17	Alasan Pemilihan Teori, Kerangka Kerja, atau Mekanisme	55
BAB III	<i>METODOLOGI PENELITIAN</i>	61
III.1	Kerangka Berpikir.....	61
III.2	Sistematika Penyelesaian Masalah	62
III.2.1	Tahap Identifikasi.....	63
III.2.2	Tahap Initial Planning	63
III.2.3	Tahap Pengembangan	64
III.2.4	Tahap Penutup.....	65

III.3 Pengumpulan Data	65
III.4 Pengembangan Produk	65
III.5 Metode Evaluasi	67
III.6 Alasan Pemilihan Metode	68
<i>BAB IV ANALISIS DAN PERANCANGAN.....</i>	71
IV.1 Analisis Proses Bisnis.....	71
IV.1.1 Proses Bisnis Eksisting	71
IV.1.2 Pross Bisnis Targeting	72
IV.1.2.1 Order	72
IV.1.2.2 Pengelolaan Customer dan Sales visit	73
IV.1.2.3 Loyalty Point & Reward	73
IV.1.2.4 Events.....	74
IV.2 Analisis Kebutuhan Fungsional.....	74
IV.3 Analisis Kebutuhan Non Fungsional.....	77
IV.4 Analisis Aktor	78
IV.4.1 Spesifikasi Role	79
IV.5 Use Case Diagram	82
IV.6 Use case scenario	83
IV.6.1 Authentication	83
IV.6.2 Customer.....	85
IV.6.3 Events	89
IV.6.4 Order.....	93
IV.6.5 Reward.....	97
IV.6.6 Loyalty points	101
IV.6.7 Sales visit.....	104
IV.6.8 Profile	108
IV.7 Activity Diagram	110
IV.7.1 Customer.....	110
IV.7.1.1 Create Customer.....	110

IV.7.1.2 Edit Customer	111
IV.7.1.3 Delete Customer.....	112
IV.7.1.4 Search & Filter Customer	113
IV.7.2 Order.....	114
IV.7.2.1 Create Order.....	114
IV.7.2.2 Searc &Filter Order.....	115
IV.7.2.3 Delete Order.....	116
IV.7.2.4 Edit Order.....	117
IV.7.3 Sales visit.....	118
IV.7.3.1 Create Sales visit.....	118
IV.7.3.2 Edit Sales visit	119
IV.7.3.3 Delete Sales visit.....	120
IV.7.3.4 Search & Filter Sales visit.....	121
IV.7.4 Reward.....	122
IV.7.4.1 Create Reward.....	122
IV.7.4.2 Edit Reward	123
IV.7.4.3 Delete Reward.....	124
IV.7.4.4 Search & Filter Reward	125
IV.7.5 Events	126
IV.7.5.1 Create Events	126
IV.7.5.2 Edit Events	127
IV.7.5.3 Delete Events	128
IV.7.5.4 Search & Filter Events	129
IV.7.6 Loyalty points.....	130
IV.7.6.1 View Loyalty points.....	130
IV.7.6.2 Delete Loyalty points.....	131
IV.7.6.3 Search & Filter Loyalty points.....	132
IV.8 Sequence diagram	133
IV.8.1 Customer.....	133
IV.8.1.1 Create Customer.....	133
IV.8.1.2 Update Customer	134
IV.8.1.3 Delete Customer.....	134

IV.8.1.4 Search & Filter Customer	135
IV.8.2 Loyalty Points.....	136
IV.8.2.1 View Loyalty Points	136
IV.8.2.2 Delete Loyalty points.....	137
IV.8.2.3 Search & Filter Loyalty Points	138
IV.8.3 Reward.....	139
IV.8.3.1 Create Reward.....	139
IV.8.3.2 Update Reward.....	140
IV.8.3.3 Delete Reward.....	140
IV.8.3.4 Search & Filter Reward	141
IV.8.4 Sales visit.....	142
IV.8.4.1 Create Sales visit.....	142
IV.8.4.2 Update Sales visit.....	143
IV.8.4.3 Delete Sales visit.....	143
IV.8.4.4 Search & Filter Sales visit.....	144
IV.8.5 Orders	145
IV.8.5.1 Create Orders	145
IV.8.5.2 Update Orders	146
IV.8.5.3 Delete Orders	146
IV.8.5.4 Search & Filter Orders	147
IV.8.6 Events	148
IV.8.6.1 Create Events	148
IV.8.6.2 Update Events	149
IV.8.6.3 Delete Events	149
IV.8.6.4 Search & Filter Events	150
IV.9 Class diagram	151
IV.10 Entity Relationship Diagram (ERD)	152
IV.11 Deployment Diagram	153
BAB V IMPLEMENTASI DAN PENGUJIAN	154
V.1 Initial Planning	154
V.2 Iterative Incremental Fase Pertama.....	154

V.2.1	Tahap Planning.....	154
V.2.2	Tahap Design	156
V.2.3	Tahap Development	160
V.2.4	Tahap Testing.....	163
V.2.5	Tahap Evaluasi	165
V.3	<i>Iterative Incremental Fase Kedua</i>	165
V.3.1	Tahap Planning.....	165
V.3.2	Tahap Design	166
V.3.3	Tahap Development	169
V.3.4	Tahap Testing.....	175
V.3.5	Tahap Evaluasi	177
V.4	<i>Iterative Incremental Fase Ketiga</i>	177
V.4.1	Tahap Planning.....	177
V.4.2	Tahap Design	179
V.4.3	Tahap Development	179
V.4.4	Tahap Testing.....	187
V.4.4.1	Blackbox Testing.....	187
V.4.4.2	Tahap Testing Usability	190
V.4.4.3	Learnability	193
V.4.4.4	Memorability	194
V.4.4.5	Errors	195
V.4.4.6	Satisfaction	195
V.4.4.7	Feedback.....	196
V.4.4.8	Feedback Tahap Testing System usability scale (SUS).....	197
V.4.5	Tahap Evaluasi	198
V.5	<i>Deployment</i>	199
BAB VI	<i>KESIMPULAN DAN SARAN</i>	200
VI.1	Kesimpulan	200
VI.2	Saran	201
DAFTAR PUSTAKA	202

LAMPIRAN 206