

DAFTAR ISI

LEMBAR PENGESAHAN	i
KATA PENGANTAR	ii
PERNYATAAN PUBLIKASI LAPORAN PENELITIAN	iv
PERNYATAAN ORISINALITAS LAPORAN PENELITIAN	v
DAFTAR ISI	vi
DAFTAR GAMBAR	x
DAFTAR TABEL	xi
ABSTRAK	xiv
ABSTRACT	xv
BAB I PENDAHULUAN	1
1.1. Latar Belakang	1
1.2. Perumusan Masalah	2
1.3. Tujuan	2
1.4. Batasan Masalah	3
1.5. Sistematika Penulisan	4
BAB II KAJIAN TEORI	5
2.1. Entity Relationship Diagram (ERD)	5
2.2. Data Flow Diagram (DFD)	9
2.3. Kamus Data (Data Dictionary)	12
2.4. PSPEC (Process Specification)	13
2.5. PHP (PHP Hypertext Preprocessor)	14
2.6. MySQL	15
2.7. Konsep Berat Badan Ideal	17
BAB III ANALISIS DAN PERANCANGAN SISTEM	18
3.1. Proses Bisnis	18
3.2. Web Map	20
3.3. Data Flow Diagram (DFD)	22
3.3.1 Context Diagram (level 0)	22
3.3.2. Data Flow Diagram Level 1	24
3.3.3. Data Flow Diagram Level 2 Proses 1 (Register)	29
3.3.4. Data Flow Diagram Level 2 Proses 2 (Login)	31
3.3.5. Data Flow Diagram Level 2 Proses 3 (Model System)	32

3.3.6. Data Flow Diagram Level 2 Proses 4 (<i>Production House System</i>)	33
3.3.7. Data Flow Diagram Level 2 Proses 5 (<i>Event System</i>)	35
3.3.8. Data Flow Diagram Level 2 Proses 6 (<i>News System</i>)	37
3.3.9. Data Flow Diagram Level 2 Proses 7 (<i>Casting System</i>)	38
3.3.10. Data Flow Diagram Level 2 Proses 8 (<i>Forum System</i>)	40
3.4. Process Specification (PSPEC).....	41
3.4.1. PSPEC Register	41
3.4.2. PSPEC Login	44
3.4.3. PSPEC Model System	45
3.4.4. PSPEC Production System.....	46
3.4.5. PSPEC Event System.....	47
3.4.6. PSPEC News System.....	49
3.4.7. PSPEC Casting System.....	50
3.4.8. PSPEC Forum System	50
3.5. ERD (Entity Relational Diagram)	52
3.6. Kamus Data.....	54
3.6.1. Kamus Data Model	54
3.6.2. Kamus Data <i>Production House</i>	61
3.6.3. Kamus Data <i>Event</i>	65
3.6.4. Kamus Data <i>Intersys Management</i>	68
3.6.5. Kamus Data <i>News</i>	69
3.6.6. Kamus Data <i>Penilaian</i>	70
3.6.7. Kamus Data <i>Mengikuti</i>	72
3.6.8. Kamus Data <i>Forum Content</i>	72
3.6.9. Kamus Data <i>Forum Comment</i>	74
3.7. Desain Tampilan Antar Muka (UI)	76
3.7.1. Desain Tampilan Awal Web (<i>Welcome</i>).....	76
3.7.2. Desain Tampilan <i>Home Page</i>	77
3.7.3. Desain Tampilan <i>Tab Menu Model</i>	78
3.7.4. Desain Tampilan <i>Tab Menu Production House</i>	79
3.7.5. Desain Tampilan <i>Tab Menu News</i>	80

3.7.6. Desain Tampilan <i>Tab</i> Menu <i>Register Model</i>	81
3.7.7. Desain Tampilan <i>Tab</i> Menu <i>Register Production House</i>	82
3.7.8. Desain Tampilan <i>Tab</i> Menu <i>Member Login</i>	83
3.7.9. Desain Tampilan <i>Home Admin (Intersys Management)</i>	84
3.7.10. Desain Tampilan <i>Tab</i> Menu <i>Forum</i>	85
3.7.11. Desain Tampilan <i>Casting Model</i>	86
3.7.12. Desain Tampilan <i>Report Casting Model</i>	88
3.7.13. Desain Tampilan <i>Tab</i> Menu <i>Rating</i>	89
3.7.14. Desain Tampilan <i>Add News</i>	90
3.7.15. Desain Tampilan <i>Add Event</i>	91
3.7.16. Desain Tampilan <i>Info Model</i>	92
3.7.17. Desain Tampilan <i>Tab</i> Menu <i>Event</i>	93
3.7.18. Desain Tampilan <i>Tab</i> Menu <i>Update Model</i>	94
3.7.19. Desain Tampilan <i>Tab</i> Menu <i>Update Production House</i>	95
3.7.20. Desain Tampilan <i>Report Event</i>	96
BAB IV HASIL PENELITIAN	97
4.1. <i>Relational Database</i>	97
4.1.1. <i>Tabel Models</i>	98
4.1.2. <i>Tabel Production House</i>	99
4.1.3. <i>Tabel Events</i>	99
4.1.4. <i>Tabel Intersys Management</i>	100
4.1.5. <i>Tabel Mengikuti</i>	100
4.1.6. <i>Tabel Penilaian</i>	101
4.1.7. <i>Tabel News</i>	101
4.1.8. <i>Tabel Forum Content</i>	102
4.1.9. <i>Tabel Forum Comment</i>	102
4.2. <i>Tampilan Aplikasi</i>	103
4.2.1. <i>Tampilan Awal Web (Welcome)</i>	103
4.2.2. <i>Tampilan Home Page</i>	103
4.2.3. <i>Tampilan Tab Menu Models</i>	104
4.2.4. <i>Tampilan Tab Menu Production House</i>	105
4.2.5. <i>Tampilan Tab Menu News</i>	105

4.2.6. Tampilan <i>Tab</i> Menu <i>Register</i> Model	106
4.2.7. Tampilan Tab Menu Register Production House	107
4.2.8. Tampilan <i>Tab</i> Menu <i>Login</i>	108
4.2.9. Tampilan <i>Tab</i> Menu <i>Forum</i>	109
4.2.10. Tampilan <i>Casting</i> Model	110
4.2.11. Tampilan Report <i>Casting</i> Model	111
4.2.12. Tampilan <i>Tab</i> Menu <i>Rating</i>	111
4.2.13. Tampilan <i>Add News</i>	112
4.2.14. Tampilan <i>Add Event</i>	113
4.2.15. Tampilan Info Model	113
4.2.16. Tampilan <i>Tab</i> Menu <i>Event</i>	114
4.2.17. Tampilan Tab Menu Update Model.....	115
4.2.18. Tampilan Tab Menu Update Production House	115
4.2.19. Tampilan <i>Tab</i> Menu Report <i>Event</i>	116
BAB V PEMBAHASAN DAN UJI COBA HASIL PENELITIAN	117
5.1. Test Case	117
5.2. Metode Penelitian.....	119
5.2.1. <i>Black Box</i>	119
5.2.1. Survei dengan Target Sistem	135
5.3. Pengujian <i>Error Handling</i>	137
5.3.1. Pengujian Tampilan <i>Login</i>	137
5.3.2. Pengujian Tampilan <i>Register</i> Model	139
5.3.3. Pengujian Tampilan <i>Register</i> PH.....	147
5.3.4. Pengujian Tampilan <i>Casting</i> Model	150
5.3.4. Pengujian Tampilan <i>Add Event</i>	152
BAB VI SIMPULAN DAN SARAN	155
6.1 Kesimpulan.....	155
6.2 Saran.....	156
DAFTAR PUSTAKA.....	157

DAFTAR GAMBAR

Gambar II. 1 Tipe Kardinalitas Relasi	9
Gambar II. 2 Berat Badan Ideal	17
Gambar III. 1 <i>Web Map</i> Intersys model <i>search</i>	20
Gambar III. 2 <i>Context Diagram</i>	22
Gambar III. 3 <i>DFD Level 1</i>	24
Gambar III. 4 <i>DFD Level 2</i> Proses 1 (<i>Register</i>)	29
Gambar III. 5 <i>DFD Level 2</i> Proses 2 (<i>Login</i>).....	31
Gambar III. 6 <i>DFD Level 2</i> Proses 3 (<i>Model System</i>)	32
Gambar III. 7 <i>DFD Level 2</i> Proses 4 (<i>Production House System</i>)	34
Gambar III. 8 <i>DFD Level 2</i> Proses 5 (<i>Event System</i>).....	35
Gambar III. 9 <i>DFD Level 2</i> Proses 6 (<i>News System</i>).....	37
Gambar III. 10 <i>DFD Level 2</i> Proses 7 (<i>Casting System</i>).....	38
Gambar III. 11 <i>DFD Level 2</i> Proses 8 (<i>Forum System</i>)	40
Gambar III. 12 Entity Relational Diagram.....	52
Gambar III. 13 Desain Tampilan Awal Web	76
Gambar III. 14 Desain Tampilan Home.....	77
Gambar III. 15 Desain Tampilan Tab Menu Model	78
Gambar III. 16 Desain Tampilan Tab Menu Production House.....	79
Gambar III. 17 Desain Tampilan Tab Menu News	80
Gambar III. 18 Desain Tampilan Tab Menu Register Model	81
Gambar III. 19 Desain Tampilan Tab Menu Register Production House	82
Gambar III. 20 Desain Tampilan Tab Menu Member Login	83
Gambar III. 21 Desain Tampilan Home Admin.....	84
Gambar III. 22 Desain Tampilan Tab Forum <i>Content</i> Topik	85
Gambar III. 23 Desain Tampilan <i>Tab Forum Comment</i> Topik.....	86
Gambar III. 24 Desain Tampilan Casting Model	87
Gambar III. 25 Desain Tampilan Bar Menu Event.....	88
Gambar III. 26 Desain Tampilan Tab Menu Rating	89
Gambar III. 27 Desain Tampilan Add News	90
Gambar III. 28 Desain Tampilan Add Event.....	91
Gambar III. 29 Desain Tampilan Info Model	92
Gambar III. 30 Desain Tampilan <i>Tab Menu Event</i>	93
Gambar III. 31 Desain Tampilan <i>Tab Menu Update</i> (Model)	94
Gambar III. 32 Desain Tampilan <i>Tab Menu Update Production House</i>	95
Gambar III. 33 Desain Tampilan Report Event	96

DAFTAR TABEL

Tabel II. 1 Komponen <i>Diagram</i> ER	6
Tabel II. 2 Komponen <i>Diagram</i> Data Flow	11
Tabel II. 3 Simbol-simbol <i>PSPEC</i>	13
Tabel III. 1 Keterangan <i>Context Diagram</i>	22
Tabel III. 2 Keterangan Level 1	25
Tabel III. 3 Keterangan Level 2 Proses 1	30
Tabel III. 4 Keterangan Level 2 Proses 2	32
Tabel III. 5 Keterangan Level 2 Proses 3	33
Tabel III. 6 Keterangan Level 2 Proses 4	34
Tabel III. 7 Keterangan Level 2 Proses 5	36
Tabel III. 8 Keterangan Level 2 Proses 6	38
Tabel III. 9 Keterangan Level 2 Proses 7	39
Tabel III. 10 Keterangan Level 2 Proses 8	41
Tabel III. 11 <i>PSPEC</i> Input Data Model.....	41
Tabel III. 12 <i>PSPEC</i> Input Data Production House	43
Tabel III. 13 <i>PSPEC</i> Validasi Data.....	43
Tabel III. 14 <i>PSPEC</i> Konfirmasi Data.....	44
Tabel III. 15 <i>PSPEC</i> Input Data Login.....	44
Tabel III. 16 <i>PSPEC</i> Verifikasi Data	45
Tabel III. 17 <i>PSPEC</i> Ubah Data Model	45
Tabel III. 18 <i>PSPEC</i> Hapus Data Model	46
Tabel III. 19 <i>PSPEC</i> Cari Data Model	46
Tabel III. 20 <i>PSPEC</i> Update Data PH.....	46
Tabel III. 21 <i>PSPEC</i> Hapus Data PH	47
Tabel III. 22 <i>PSPEC</i> Cari Data PH.....	47
Tabel III. 23 <i>PSPEC</i> Input Event.....	48
Tabel III. 24 <i>PSPEC</i> Update Event	48
Tabel III. 25 <i>PSPEC</i> Hapus Event	48
Tabel III. 26 <i>PSPEC</i> Cari Event	49
Tabel III. 27 <i>PSPEC</i> Input News.....	49
Tabel III. 28 <i>PSPEC</i> Cari News	49
Tabel III. 29 <i>PSPEC</i> Input Penilaian	50
Tabel III. 30 <i>PSPEC</i> Input Content Topik.....	50
Tabel III. 31 <i>PSPEC</i> Edit Content Topik	51
Tabel III. 32 <i>PSPEC</i> Input Comment	51
Tabel III. 33 Kamus Data Id Model.....	54
Tabel III. 34 Kamus Data Nama Model	54

Tabel III. 35 Kamus Data Kota Lahir	55
Tabel III. 36 Kamus Data Tanggal lahir.....	55
Tabel III. 37 Kamus Jenis Kelamin.....	55
Tabel III. 38 Kamus Data agama	55
Tabel III. 39 Kamus Data kota.....	56
Tabel III. 40 Kamus Data Kode Pos	56
Tabel III. 41 Kamus Data Telepon	56
Tabel III. 42 Kamus Data Hp1.....	56
Tabel III. 43 Kamus Data Hp2.....	57
Tabel III. 44 Kamus Data Baju <i>Size</i>	57
Tabel III. 45 Kamus Data Celana <i>Size</i>	57
Tabel III. 46 Kamus Data Sepatu <i>Size</i>	57
Tabel III. 47 Kamus Data Tinggi.....	58
Tabel III. 48 Kamus Data Berat.....	58
Tabel III. 49 Kamus Data Foto <i>Closeup</i>	58
Tabel III. 50 Kamus Data Foto <i>Side</i>	58
Tabel III. 51 Kamus Data Foto <i>Fullbody</i>	59
Tabel III. 52 Kamus Data Mata	59
Tabel III. 53 Kamus Data Rambut.....	59
Tabel III. 54 Kamus Data Kulit	59
Tabel III. 55 Kamus Data <i>Username</i>	60
Tabel III. 56 Kamus Data <i>Password</i>	60
Tabel III. 57 Kamus Data <i>Email</i>	60
Tabel III. 58 Kamus Data Usia	60
Tabel III. 59 Kamus Data BMI.....	61
Tabel III. 60 Kamus Data Status	61
Tabel III. 61 Kamus Data Tanggal <i>Approve</i>	61
Tabel III. 62 Kamus Data Id PH	62
Tabel III. 63 Kamus Data Nama PH.....	62
Tabel III. 64 Kamus Data Alamat PH	63
Tabel III. 65 Kamus Data Kontak <i>Person</i>	63
Tabel III. 66 Kamus Data <i>Username</i> PH.....	63
Tabel III. 67 Kamus Data <i>Password</i> PH.....	63
Tabel III. 68 Kamus Data <i>Email</i> PH	64
Tabel III. 69 Kamus Data <i>Description</i> PH	64
Tabel III. 70 Kamus Data Foto PH	64
Tabel III. 71 Kamus Data Id <i>Event</i>	65
Tabel III. 72 Kamus Data Judul <i>Event</i>	65
Tabel III. 73 Kamus Data Tgl Buat <i>Event</i>	65
Tabel III. 74 Kamus Data Tgl Mulai <i>Event</i>	66
Tabel III. 75 Kamus Data Tgl Akhir <i>Event</i>	66

Tabel III. 76 Kamus Data Tgl <i>Casting Event</i>	66
Tabel III. 77 Kamus Data Tgl <i>Approve Event</i>	67
Tabel III. 78 Kamus Data Status <i>Event</i>	67
Tabel III. 79 Kamus Data Keterangan	67
Tabel III. 80 Kamus Data Foto <i>Event</i>	67
Tabel III. 81 Kamus Data Id Intersys <i>Management</i>	68
Tabel III. 82 Kamus Data <i>Username</i> Intersys <i>Management</i>	68
Tabel III. 83 Kamus Data <i>Password</i> Intersys <i>Management</i>	69
Tabel III. 84 Kamus Data <i>Email</i> Intersys <i>Management</i>	69
Tabel III. 85 Kamus Data Id <i>News</i>	69
Tabel III. 86 Kamus Data Judul <i>News</i>	69
Tabel III. 87 Kamus Data Tanggal <i>News</i>	69
Tabel III. 88 Kamus Data Keterangan <i>News</i>	70
Tabel III. 89 Kamus Data Foto <i>News</i>	70
Tabel III. 90 Kamus Data Id Penilaian	70
Tabel III. 91 Kamus Data Tanggal Penilaian	70
Tabel III. 92 Kamus Data Imajinasi Penilaian	71
Tabel III. 93 Kamus Data Improvisasi Penilaian	71
Tabel III. 94 Kamus Data Ekspresi Penilaian	71
Tabel III. 95 Kamus Data Intonasi Penilaian	71
Tabel III. 96 Kamus Data <i>Catwalk</i> Penilaian	71
Tabel III. 97 Kamus Data <i>Photogenic</i> Penilaian	71
Tabel III. 98 Kamus Data Nilai Rerata Penilaian	72
Tabel III. 99 Kamus Data Id Mengikuti	72
Tabel III. 100 Kamus Data Status Mengikuti	72
Tabel III. 101 Kamus Data <i>Content</i> Id	73
Tabel III. 102 Kamus Data Judul	73
Tabel III. 103 Kamus Data <i>Content</i>	73
Tabel III. 104 Kamus Data Created <i>Date</i>	73
Tabel III. 105 Kamus Data Created By	74
Tabel III. 106 Kamus Data <i>User</i> Id	74
Tabel III. 107 Kamus Data <i>Comment</i> Id	74
Tabel III. 108 Kamus Data <i>Comment</i>	75
Tabel III. 109 Kamus Data Created By	75
Tabel III. 110 Kamus Data <i>User</i> Id	75

ABSTRAK

Aplikasi Intersys model *search* adalah sebuah aplikasi berbasis *web* yang digunakan untuk membantu *user* khususnya Intersys *Management* dalam pengelolaan sistem promosi *management*, informasi model dan *production house*.

Terdapat beberapa fitur utama seperti *register*, *casting*, *rating*, *search* dan *event* dalam aplikasi ini. Fitur-fitur tersebut membantu *user* dalam pencatatan data, penilaian model, penentuan model, pencarian data dan pengurusan *event*. Aplikasi ini juga menyediakan report *event* dan report model yang dibutuhkan *user*, seperti biodata model, hasil *casting* model, dan informasi *event*.

Aplikasi *web* ini sangat membantu mempermudah *user* khususnya Intersys *Management* dalam mengelola data, menilai model, mencari informasi, menentukan model serta mencetak informasi yang diinginkan, sehingga lebih efektif dan efisien.

Kata kunci : pengelolaan sistem, *casting*, model, *management*

ABSTRACT

Intersys model search application is a web-based application that is used to help users, especially Intersys Management in managing the promotion management system, information models and production houses.

There are several major features such as registers, casting, rating, search and events in this application. That features help the user in recording data, assessment model, and the determination of the model, data search and management of events. This application also provides event reports and models report for user required, such as biographical data model, the results of the model casting, and event information.

The web application is very helpful user especially Intersys Management simplify in managing the data, evaluate the model, find information, determine the model and print the desired information, thus more effectively and efficiently.

Keywords: *management system, casting, models, management*