

DAFTAR ISI

LEMBAR PENGESAHAN	II
LEMBAR PERNYATAAN ORISINALITAS	III
ABSTRAK.....	IV
ABSTRACT.....	V
KATA PENGANTAR	VI
DAFTAR ISI.....	VII
DAFTAR GAMBAR.....	X
DAFTAR TABEL.....	XII
DAFTAR LAMPIRAN.....	XIII
BAB I.....	1
I.1 LATAR BELAKANG.....	1
I.2 RUMUSAN MASALAH.....	3
I.3 TUJUAN PENELITIAN	3
I.4 MANFAAT PENELITIAN	4
I.5 BATASAN PENELITIAN	4
I.6 SISTEMATIKA LAPORAN.....	4
BAB II.....	6
II.1 <i>EVENT ORGANIZER</i>	6
II.2 <i>SOFTWARE ENGINEERING</i>	7
II.2.1 <i>Mobile Application</i>	7
II.2.2 <i>Xcode</i>	8
II.2.3 <i>Swift</i>	8
II.3 UML	8
II.3.1 <i>Tujuan Pemanfaatan UML</i>	10
II.4 METODE PENGEMBANGAN <i>SOFTWARE</i>	11
II.5 <i>APPLICATION PROGRAMMING INTERFACE (API)</i>	13
II.6 <i>REPRESENTATIONAL STATE TRANSFER (REST)</i>	14
II.7 <i>LEAN CANVAS</i>	17
II.8 <i>USER INTERFACE/USER EXPERIENCE (UI/UX)</i>	18
II.9 <i>TESTING SOFTWARE</i>	19
II.10 <i>STATE OF THE ART</i>	21

II.10.1 Analisis dan Perancangan Sistem Manajemen Event Berbasis Mobile Push Notification (Analisis dan Perancangan Sistem Manajemen Event Berbasis Mobile Push Notification, 2011).....	21
BAB III	22
III.1 MODEL KONSEPTUAL.....	22
III.1.1 Lingkungan	22
III.1.2 Penelitian SI.....	23
III.1.3 Dasar Ilmu	23
III.2 SISTEMATIKA PENELITIAN	24
III.2.1 Input	24
III.2.2 Transformation	25
III.2.3 Output	25
BAB IV	26
IV.1 ANALISIS DAN PERANCANGAN BISNIS	26
IV.1.1 Analisis Kelayakan Bisnis.....	26
IV.1.2 Analisis Potensi Pasar	28
IV.1.3 Analisis Bisnis Model.....	29
IV.1.4 Analisis Kompetitor.....	30
IV.2 ANALISIS DAN PERANCANGAN PRODUK APLIKASI.....	31
IV.2.1 Perancangan Sprint dan Backlog Product	31
IV.2.2 Kebutuhan Bisnis	39
IV.2.3 Spesifikasi Profil Aktor	39
IV.2.4 Usecase Diagram.....	40
IV.2.5 Activity Diagram	53
IV.2.6 Class Diagram	62
IV.2.7 Sequence Diagram	63
IV.2.8 Desain Mockup.....	72
BAB V	79
V.1 IMPLEMENTASI BISNIS.....	79
V.1.1 Perencanaan Pengembangan Bisnis	81
V.1.2 Perencanaan Pengembangan Produk.....	81
V.2 IMPLEMENTASI PRODUK.....	81

<i>V.2.1 Tampilan Program</i>	81
V.3 PENGUJIAN	85
<i>V.3.1 Usability Testing</i>	85
<i>V.3.2 Compatibility Testing</i>	92
BAB VI.....	93
VI.1 KESIMPULAN	93
VI.2 SARAN	93
DAFTAR PUSTAKA	94
LAMPIRAN A.....	95
LAMPIRAN B	97
LAMPIRAN C.....	100