

DAFTAR ISI

ABSTRAK	i
<i>ABSTRACT</i>	ii
KATA PENGANTAR	iii
DAFTAR ISI	v
DAFTAR GAMBAR	viii
DAFTAR TABEL	ix
DAFTAR SIMBOL	x
DAFTAR LAMPIRAN	xii
BAB I PENDAHULUAN	1
I.1. Latar Belakang	1
I.2. Perumusan Masalah	2
I.3. Maksud dan Tujuan	2
I.4. Batasan Masalah	3
I.5. Metodologi Penelitian	3
I.6. Sistematika Penulisan	5
BAB II LANDASAN TEORI	7
II.1. Game User Research	7
II.1.1. Interview	7
II.1.2. Initial Experience Playtest	8
II.1.3. Focus Group	8
II.2. Level Design	8
II.2.1. Level Design Document	10
II.2.2. Player Centered Level Design	10

II.2.3. Multiplayer Level Design Consideration	10
II.3. Player Profiling.....	11
II.3.1. Persona	11
II.3.2. Play-persona	12
II.4. Level Design Testing.....	13
II.5. Video Game.....	13
II.6. 2D Platformer Game.....	14
II.6.1. Dua Dimensi (2D)	14
II.6.2. Platformer.....	14
II.7. Multiplayer Game.....	14
II.8. Player Gameplay Experience Mapping	15
II.9. Unified Modeling Language.....	15
II.9.1. Use Case Diagram	16
II.9.2. Activity Diagram.....	17
II.9.3. Sequence Diagram.....	17
II.9.4. Class Diagram	18
II.10. Level Designer.....	18
BAB III ANALISIS DAN PERANCANGAN PENELITIAN	19
III.1. Analisis Domain Game	19
III.1.1. Aplikasi Game bergenre 2D Platformer, “Siegschals”	19
III.1.2. Komponen Gameplay.....	25
III.1.3. Gameplay Use Case	30
III.2. Analisis Masalah	45
III.3. Analisis Pengguna.....	47
III.4. Perancangan Level Design.....	50

III.4.1. Paper Prototyping.....	50
III.4.2. Digital Prototyping.....	55
III.4.3. Level Design Document.....	59
III.5. Pembuatan Dokumentasi Panduan Level Design	72
III.5.1. Testing.....	72
III.5.1. Personas.....	73
III.5.2. Player Experience Mapping	73
III.5.3. Play-persona.....	75
III.5.4. Level Designing	78
BAB IV IMPLEMENTASI DAN PENGUJIAN	87
IV.1. Implementasi Pembuatan Prototype Level Design.....	87
IV.1.1. Implementasi Level Design	87
IV.1.2. Spesifikasi Perangkat.....	87
IV.1.3. Implementasi Pola Platform.....	88
IV.2. Pengujian Penelitian.....	92
IV.2.1. Pengujian Prototype Level Design.....	92
IV.2.2. Metode Pengujian	93
IV.2.3. Hasil Pengujian	94
BAB V KESIMPULAN DAN SARAN.....	97
V.1. Kesimpulan.....	97
V.2. Saran.....	97
DAFTAR PUSTAKA	99