

DAFTAR ISI

HALAMAN JUDUL	i
LEMBAR PERSETUJUAN	ii
HALAMAN PENGESAHAN	iii
LEMBAR PERNYATAAN	iv
HALAMAN MOTO DAN PERSEMABAHAN	v
KATA PENGANTAR	vi
DAFTAR ISI	vii
DAFTAR TABEL	x
DAFTAR GAMBAR	xii
DAFTAR SEGMENT	xiv
ABSTRAK	xvii
ABSTRACT	xviii
BAB I PENDAHULUAN	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	2
1.3 Batasan Masalah.....	2
1.4 Tujuan Penelitian.....	2
1.5 Manfaat Penelitian.....	3
1.6 Jenis Penelitian	3
1.6.1 Objek Penelitian	3
1.6.2 Teknik Instrument dan Pengumpulan Data	3
1.6.3 Tahap Penelitian	4
1.7 Sistematika Penulisan.....	4
BAB II TINJAUAN PUSTAKA	6
2.1 Penelitian Terdahulu	6
2.2 <i>Game</i>	7
2.2.1 Pengertian <i>Game</i>	7
2.2.2 Jenis <i>Game</i>	8

2.2.3 Tahapan Dalam Pembuatan <i>Game</i>	11
2.3 <i>Android</i>	12
2.4 <i>Unity</i>	13
2.5 <i>Use Case Diagram</i>	14
2.6 <i>Activity Diagram</i>	15
2.7 <i>Sequence Diagram</i>	16
2.8 Raden Kian Santang	16
2.9 <i>C#</i>	17
2.10 <i>Storyboard</i>	18
BAB III ANALISIS DAN DESAIN SISTEM	19
3.1 Kebutuhan Fungsional.....	19
3.2 Kebutuhan Non Fungsional.....	19
3.2.1 Kebutuhan Perangkat Lunak	19
3.2.2 Kebutuhan Perangkat Keras	20
3.3 Desain Sistem.....	20
3.3.1 Perancangan Sistem.....	20
3.3.2 Perancangan Proses	21
3.2.3 <i>Use Case Diagram</i>	21
3.2.4 <i>Activity Diagram</i>	22
3.2.5 <i>Sequence Diagram</i>	23
3.4 <i>Storyboard</i>	26
3.5 Desain Interface.....	28
BAB IV IMPLEMENTASI	31
4.1 Implementasi	31
4.1.1 Implementasi Program	31
4.1.2 <i>Build Game</i>	44
4.1.3 Manual Instalasi <i>Game</i>	52
BAB V HASIL DAN PEMBAHASAN	53
5.1 Data Hasil Percobaan	53

5.1.1 Uji Coba Menu Utama	53
5.1.2 Halaman Pilih Level	54
5.1.3 Uji Coba Tombol Control	54
5.1.4 Uji Coba Halaman Bermain	54
5.1.5 Uji Coba Tombol Keluar.....	55
5.2 Pembahasan Aplikasi	55
BAB VI PENUTUP	61
6.1 Kesimpulan.....	61
6.2 Saran	61
DAFTAR PUSTAKA	

DAFTAR TABEL

Tabel 2.1	Penelitian Terdahulu	6
Tabel 5.1	Uji Coba Menu Utama	53
Tabel 5.2	Halaman Pilih Level.....	54
Tabel 5.3	Uji Coba <i>Control</i>	54
Tabel 5.4	Uji Coba Halaman Bermain	54
Tabel 5.5	Uji Coba Tombol Kelur.....	55

DAFTAR GAMBAR

Gambar 1.1 Metode Waterfall.....	3
Gambar 3.1 <i>Use Case Diagram</i>	21
Gambar 3.2 <i>Activity Diagram</i>	22
Gambar 3.3 <i>Sequence Diagram</i> Menu Utama	23
Gambar 3.4 <i>Sequence Diagram</i> Menu Play	24
Gambar 3.5 <i>Sequence Diagram</i> Menu <i>Option</i>	24
Gambar 3.6 <i>Sequence Diagram</i> Menu <i>About</i>	25
Gambar 3.7 <i>Squence Diagram</i> Menu Keluar	25
Gambar 3.8 <i>Storyboard Game Level 1</i>	26
Gambar 3.9 <i>Storyboard Game Level 2</i>	26
Gambar 3.10 <i>Storyboard Game Level 3</i>	27
Gambar 3.11 <i>Storyboard Game Level 4</i>	27
Gambar 3.12 <i>Stoyboard Game Level 5</i>	28
Gambar 3.13 Rancangan Menu Utama	28
Gambar 3.14 Rancangan Pilih Level	29
Gambar 3.15 Rancangan <i>Options</i>	29
Gambar 3.16 Rancangan <i>About</i>	29
Gambar 3.17 Rancangan <i>Exit</i>	30
Gambar 4.1 Tampilan <i>Splash Screen Game</i>	32
Gambar 4.2 Tampilan Menu Utama <i>Game</i>	32
Gambar 4.3 Tombol Main.....	33

Gambar 4.4 Tombol <i>About</i>	33
Gambar 4.5 Tombol <i>Options</i>	33
Gambar 4.6 Tombol <i>Exit</i>	33
Gambar 4.7 Tampilan Pilih Level.....	34
Gambar 4.8 Halaman Bermain.....	35
Gambar 4.9 Halaman Bermain Menyerang Musuh	36
Gambar 4.10 <i>Health</i>	38
Gambar 4.11 Menu <i>Options</i>	38
Gambar 4.12 Menu <i>About</i>	39
Gambar 4.13 Tampilan Kalah.....	40
Gambar 4.14 Tampilan Menang	40
Gambar 4.15 Tampilan Level 1	41
Gambar 4.16 Tampilan Level 2	41
Gambar 4.17 Tampilan Level 3	42
Gambar 4.18 Tampilan Level 4	42
Gambar 4.19 Tampilan Level 5	43
Gambar 4.20 Tampilan Keluar <i>Game</i>	43
Gambar 4.21 Tombol <i>File</i> Aplikasi <i>Unity</i>	44
Gambar 4.22 Tampilan <i>Build Setting Game Unity</i>	45
Gambar 4.23 Tampilan <i>Add Open Scane Unity</i>	45
Gambar 4.24 Tampilan <i>Build setting Game Unity (Platform android)</i>	46
Gambar 4.25 Tampilan <i>Build setting Unity</i>	46

Gambar 4.26 Tampilan <i>Form Inspector</i> Aplikasi <i>Unity</i>	47
Gambar 4.27 <i>Form Resolution And Presentation</i> Aplikasi <i>Unity</i>	47
Gambar 4.28 <i>Form Icon Unity</i>	48
Gambar 4.29 <i>From Other Setting (Rendering) Unity</i>	48
Gambar 4.30 <i>Form Other Settings (Identification) Unity</i>	49
Gambar 4.31 <i>Form Other Settings (Configuration) Unity</i>	51
Gambar 4.32 <i>Form Other Settings (Identification) Unity</i>	51
Gambar 5.1 Halaman Menu Utama.	56
Gambar 5.2 Halaman Pilih Level.....	56
Gambar 5.3 Halaman Bermain.....	57
Gambar 5.4 Tampilan Menang.	57
Gambar 5.5 Tampilan Kalah.	58
Gambar 5.6 Tampilan Halaman <i>Options</i>	58
Gambar 5.7 Tampilan Halaman <i>About</i>	59
Gambar 5.8 Tampilan Halaman <i>About</i>	59
Gambar 5.9 Tampilan <i>Exit</i>	59

DAFTAR SEGMENT

Segment Script 4.1 Pindah Halaman.....	34
Segment Script 4.2 Karakter	35
Segment Script 4.3 Menyerang Musuh	36
Segment Script 4.4 <i>Health</i>	38
Segment Script 4.5 <i>Options</i>	39