

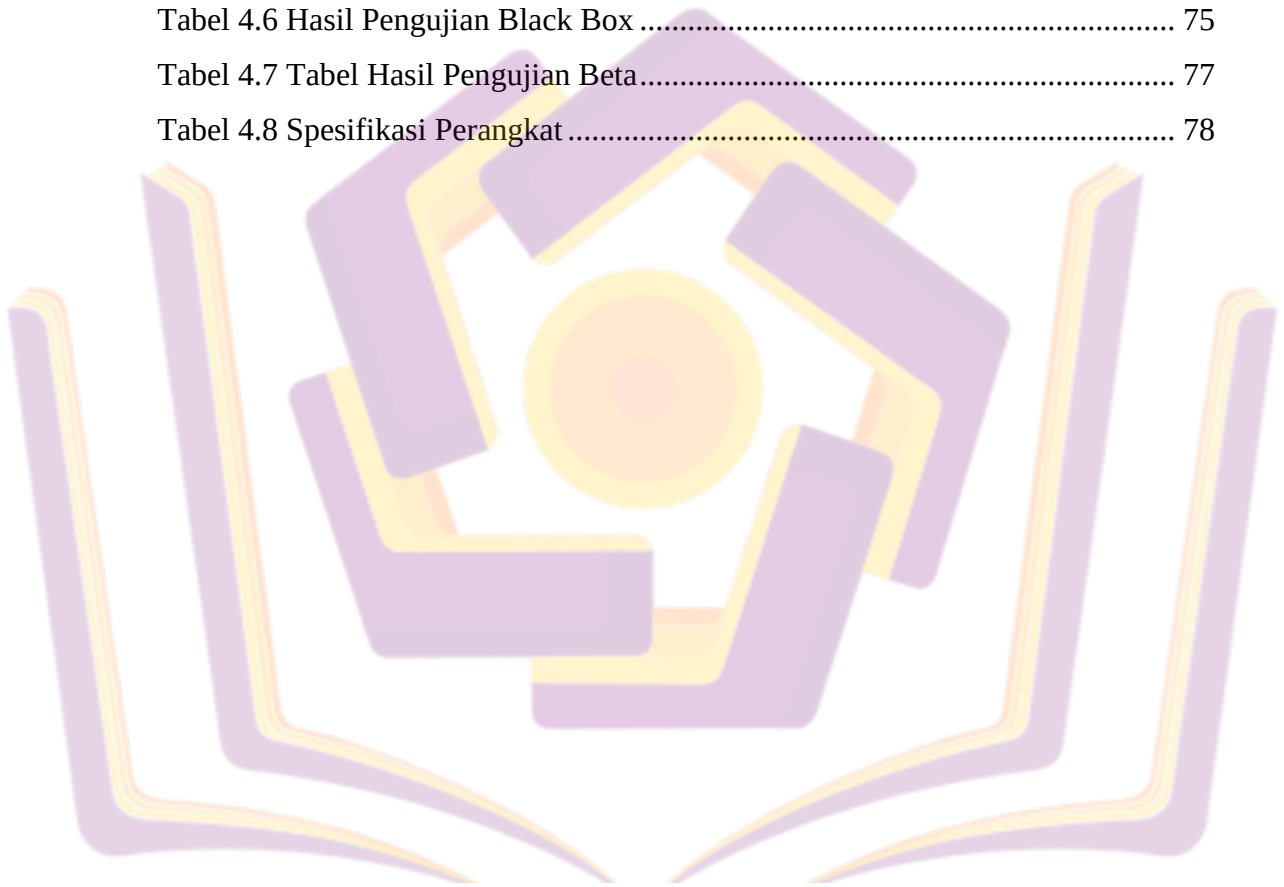
DAFTAR ISI

HALAMAN SAMPUL	i
HALAMAN JUDUL.....	ii
HALAMAN PERSETUJUAN.....	iii
HALAMAN PENGESAHAN.....	iv
HALAMAN PERNYATAAN KEASLIAN	v
HALAMAN PERSEMBAHAN	vi
HALAMAN MOTTO	vii
KATA PENGANTAR	viii
DAFTAR ISI.....	x
DAFTAR TABEL.....	xii
DAFTAR GAMBAR	xiii
DAFTAR LAMPIRAN	xv
ABSTRAK.....	xvi
<i>ABSTRACT</i>	xvii
BAB I PENDAHULUAN.....	1
A. Latar Belakang Masalah	1
B. Rumusan Masalah.....	8
C. Batasan Masalah	8
D. Tujuan Penelitian	9
E. Manfaat Penelitian	9
BAB II TINJAUAN PUSTAKA.....	11
A. Landasan Teori.....	11
1. Game.....	11
2. Game Edukasi.....	11
3. Pertanian	12
4. Unity	12
5. Game Development Life Cycle	13
6. Sampel Jenuh atau Sensus	14
B. Penelitian Sebelumnya.....	15

BAB III METODE PENELITIAN.....	23
A. Tempat dan Waktu Penelitian.....	23
B. Metode Pengumpulan Data.....	23
C. Alat dan Bahan Penelitian.....	25
D. Konsep Penelitian	26
BAB IV HASIL DAN PEMBAHASAN	35
A. Pengembangan Game Happy Gardening 3D	35
1. Initiation	35
2. Pre-Production.....	36
3. Production	46
4. Testing.....	75
5. Beta.....	76
6. Release	77
B. Uji Hasil Penelitian.....	78
BAB V PENUTUP.....	81
A. Kesimpulan	81
B. Saran	81
DAFTAR PUSTAKA	
LAMPIRAN	

DAFTAR TABEL

Tabel 2.1 Peneliti Sebelumnya.....	21
Tabel 4.1 Konsep Awal Game	36
Tabel 4.2 Ringkasan GDD	37
Tabel 4.3 Storyboard.....	43
Tabel 4.4 Kumpulan Asset.....	47
Tabel 4.5 Script Game.....	65
Tabel 4.6 Hasil Pengujian Black Box	75
Tabel 4.7 Tabel Hasil Pengujian Beta.....	77
Tabel 4.8 Spesifikasi Perangkat	78



DAFTAR GAMBAR

Gambar 1.1 Hasil Distribusi Jawaban Kuesioner Siswa.....	6
Gambar 2.1 Tahapan Game Development Life Cycle (GDLC)	14
Gambar 3.1 Konsep Penelitian.....	26
Gambar 3.2 Metode Pengembangan Sistem	30
Gambar 4.1 Flowchart Game	38
Gambar 4.2 Activity Diagram.....	41
Gambar 4.3 Splash Screen	49
Gambar 4.4 Tampilan Main Menu.....	49
Gambar 4.5 Scene Main Menu Unity	50
Gambar 4.6 Gameplay Screen.....	51
Gambar 4.7 Gameplay Screen Unity	51
Gambar 4.8 Mission Screen	52
Gambar 4.9 Mission Screen Unity	53
Gambar 4.10 Education Pop Up	53
Gambar 4.11 Education Pop Up Unity	54
Gambar 4.12 Inventory Screen	54
Gambar 4.13 Inventory Screen Unity	55
Gambar 4.14 Prompt Dialog Pop Up	56
Gambar 4.15 Prompt Dialog Pop Up Unity	56
Gambar 4.16 Game Paused Screen	57
Gambar 4.17 Game Paused Screen Unity	57
Gambar 4.18 Game Over Screen	58
Gambar 4.19 Game Over Screen Unity	59
Gambar 4.20 Game Complete Screen	59
Gambar 4.21 Game Complete Screen Unity	60
Gambar 4.22 Lahan Pertanian.....	61
Gambar 4.23 Lahan Pertanian Tampak Kanan	61
Gambar 4.24 Lahan Pertanian Tampak Atas	61
Gambar 4.25 Lahan Pertanian Tampak Kiri	62

Gambar 4.26 Scene Player Home	63
Gambar 4.27 Animator Controller	64
Gambar 4 .28 Hasil Build Game	78



DAFTAR LAMPIRAN

Lampiran 1. Kartu Bimbingan Dosen Pembimbing 1

Lampiran 2. Surat Izin Penelitian

Lampiran 3. Pertanyaan Wawancara

Lampiran 4. Hasil Pre-test dan Post-test

Lampiran 5. Soal

Lampiran 6. Dokumentasi Penelitian

