

DAFTAR ISI

| | |
|---|-------|
| LAPORAN TUGAS AKHIR..... | i |
| LAPORAN TUGAS AKHIR..... | ii |
| HALAMAN PENGESAHAN..... | iii |
| PERNYATAAN BEBAS PLAGIASI | iv |
| KATA PENGANTAR | v |
| DAFTAR ISI..... | vii |
| DAFTAR GAMBAR | x |
| DAFTAR TABEL..... | xvi |
| INTISARI..... | 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..... | 2 |
| 1.6 Metode Penelitian..... | 3 |
| BAB II TINJAUAN KARYA..... | 5 |
| BAB III LANDASAN TEORI..... | 7 |
| 3.1 <i>Game</i> | 7 |
| 3.1.1 Jenis Jenis <i>Game</i> berdasarkan <i>Platform</i> | 7 |
| 3.1.2 Jenis jenis <i>Game</i> berdasarkan <i>genre</i> | 8 |
| 3.2 Android..... | 11 |
| 3.3 Game Engine | 14 |
| 3.4 Unity | 15 |
| 3.5 Corel Draw | 16 |
| 3.6 Adobe Photoshop | 17 |
| 3.7 Visual Studio Community 2017 | 17 |
| 3.8 Bahasa Pemrograman C# | 18 |
| BAB IV ANALISIS DAN PERANCANGAN | 19 |

| | | |
|---------------------------------------|---|-----|
| 4.1 | Pra Produksi | 19 |
| 4.1.1 | Pengembangan Ide | 19 |
| 4.1.2 | Riset | 19 |
| 4.1.3 | Wireframe Antarmuka | 23 |
| 4.1.4 | <i>Mockup</i> | 28 |
| 4.1.5 | Prototype | 32 |
| 4.1.6 | Alur Aplikasi | 35 |
| BAB V IMPLEMENTASI | | 36 |
| 5.1 | Spesifikasi Sistem | 36 |
| 5.2 | Produksi | 36 |
| 5.2.1 | Persiapan Project | 36 |
| 5.2.2 | Implementasi <i>Asset</i> | 38 |
| 5.2.3 | Implementasi User Interface | 47 |
| 5.2.4 | Implementasi Puzzle Beginner | 55 |
| 5.2.5 | Implementasi Puzzle Intermediate | 85 |
| 5.2.6 | Implementasi Puzzle Advance | 96 |
| 5.2.7 | Implementasi Kode Program | 106 |
| 5.2.8 | Implementasi Animasi | 131 |
| 5.2.9 | Implementasi Material dan Particle System | 133 |
| BAB VI PENGUJIAN DAN PEMBAHASAN | | 136 |
| 6.1 | Pembahasan Karya | 136 |
| 6.1.1 | <i>Splash Screen</i> | 139 |
| 6.1.2 | <i>Main Menu</i> | 140 |
| 6.1.3 | Konfirmasi Exit | 140 |
| 6.1.4 | About | 141 |
| 6.1.5 | Settings | 142 |
| 6.1.6 | Menu <i>Highscore</i> | 143 |
| 6.1.7 | Play | 144 |
| 6.1.8 | Pause Menu | 145 |
| 6.1.9 | Level Selesai | 146 |
| 6.1.10 | <i>Time's up</i> | 147 |
| 6.2 | Pengujian Karya | 148 |

| | | |
|------------------------------------|---------------------------------|-----|
| 6.2.1 | Tahap Persiapan Pengujian | 148 |
| 6.2.2 | Hasil Pengujian | 150 |
| BAB VII KESIMPULAN DAN SARAN | | 156 |
| 7.1 | Kesimpulan..... | 156 |
| 7.2 | Saran | 156 |
| DAFTAR PUSTAKA | | 157 |