

DAFTAR GAMBAR

Gambar 1.1 Pesawat Atwood	15
Gambar 1.2 Flowchart Metode Penelitian	17
Gambar 1.3 Metode Pengembangan Sistem	19
Gambar 2.1 Pesawat Atwood	21
Gambar 2.2 Unity	22
Gambar 2.3 Blender 3D	23
Gambar 2.4 WebGL	23
Gambar 2.5 Metode Throwaway Prototyping	25
Gambar 3.1 3D Model Pesawat Atwood	29
Gambar 3.2 Sound Effect Yang Digunakan	30
Gambar 3.3 Deskripsi Umum Sistem	31
Gambar 3.4 Perancangan Arsitektur Sistem	33
Gambar 3.5 Use case Diagram	33
Gambar 3.6 Activity diagram simulasi	35
Gambar 3.7 Activity diagram login dan register	36
Gambar 3.8 Sequence diagram simulasi	37
Gambar 3.9 Sequence diagram login dan register	37
Gambar 3.10 Class Diagram	38
Gambar 3.11. Alur Gameplay	40
Gambar 3.12 Halaman Loading	41
Gambar 3.13 Halaman Login	41
Gambar 3.14 Halaman Register	42
Gambar 3.15 Halaman Mainmenu	42
Gambar 3.16 Halaman Stage	43
Gambar 3.17 Halaman Soal	43

Gambar 3.18 Halaman Konfigurasi massa	44
Gambar 3.19 Halaman konfigurasi gerbang cahaya	44
Gambar 3.20 Halaman Simulasi	45
Gambar 3.21 Desain Pop Up Benar	45
Gambar 3.22 Desain Pop Up Salah	46
Gambar 3.23 Desain Halaman Tentang	46
Gambar 5.1 Loading Screen	51
Gambar 5.2 Halaman Login	52
Gambar 5.3 Halaman Register	53
Gambar 5.4 Halaman Mainmenu	53
Gambar 5.5 Halaman Stage	53
Gambar 5.6 Halaman Soal	54
Gambar 5.7 Halaman Konfigurasi Massa	54
Gambar 5.8 Halaman Konfigurasi Gerbang Cahaya	54
Gambar 5.9 Halaman Simulasi	55
Gambar 5.10 Halaman Pop up Benar	55
Gambar 5.11 Halaman Pop up salah	56
Gambar 5.12 Halaman Tentang	56
Gambar 5.13 Prototype 2 Halaman Loading	57
Gambar 5.14 Prototype 2 Halaman login	57
Gambar 5.15 Prototype 2 Halaman Register	58
Gambar 5.16 Prototype 2 Halaman Mainmenu	58
Gambar 5.17 Prototype 2 Halaman Simulation	59
Gambar 5.18 Prototype 2 Panel Penjelasan A	59
Gambar 5.19 Prototype 2 Panel Penjelasan B	60
Gambar 5.20 Prototype 2 Halaman Pop up benar	61
Gambar 5.21 Prototype 2 Halaman Soal	61

Gambar 5.22 Halaman Pop up benar	61
Gambar 5.23 Halaman Pop up salah	62
Gambar 5.24 Diagram Batang	75