



BLOCKCHAIN INTEGRATED RPG GAME

UNDERGRADUATE FINAL PROJECT
Submitted as one of the requirements to obtain
Sarjana Komputer

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BLOCKCHAIN INTEGRATED RPG GAME

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ABSTRAK

Penipuan pada transaksi di game RPG harus ditangani, diantaranya adalah dengan mengadakan sistem pertukaran antar pemain yang terpercaya. Teknologi blockchain dapat digunakan sebagai penyimpanan data dan riwayat transaksi yang bersifat *immutable*. Penerapan blockchain pada game online terkadang mengurangi *gaming experience* disaat setiap terjadinya pergantian data yang membutuhkan pemain untuk membayar *gas fee*. Penulis menemukan solusi untuk mengurangi penggunaan *gas fee* dengan menyimpan data ke *local storage*.

Kata kunci: Penipuan, RPG, blockchain, transaksi, gas fee, *local storage*

DAFTAR ISI

Halaman

ABSTRAK	I
KATA PENGANTAR.....	II
DAFTAR ISI.....	III
DAFTAR TABEL	VI
DAFTAR GAMBAR.....	VIII
BAB I PENDAHULUAN.....	1
1.1 Latar Belakang	1
1.2 Perumusan Masalah	2
1.3 Tujuan Penelitian.....	2
1.4 Lingkup dan Batasan Masalah	2
1.5 Metodologi.....	3
1.6 Sistematika Penulisan.....	4
BAB II TINJAUAN PUSTAKA	6
2.1 Pengertian <i>Game</i>	6
2.2 <i>RPG Game</i>	6
2.3 <i>Blockchain</i>	6
2.4 Pengertian <i>Unity</i>	7
2.5 <i>Smart Contract</i>	7
BAB III ANALISIS SISTEM.....	8
3.1 Gambaran Umum Sistem	8
3.2.1 Gambaran Umum Sistem Yang Sudah Ada.....	8
3.2.2 Gambaran Umum Sistem Yang Diusulkan	9
3.2.3 Analisis Kebutuhan Fungsional	9
3.2.4 Kebutuhan Perangkat Lunak	11
3.3 Diagram <i>Use-case</i>	11
3.4 Narasi <i>Use-case</i>	13
3.5 <i>Activity Diagram</i>	40
3.5.1 Movement Activity Diagram.....	40
3.5.2 Camera Activity Diagram	41
3.5.3 Attack Activity Diagram	42
3.5.4 Critical Hit Activity Diagram.....	43
3.5.5 Dodge Activity Diagram	44
3.5.6 TriggerSkill Activity Diagram.....	45
3.5.5 Win Activity Diagram	46
3.5.7 Lose Activity Diagram	47
3.5.9 ReadStats Activity Diagram	48

3.5.10	ReadSkills Activity Diagram	49
3.5.11	Add Inv_items Activity Diagram	50
3.5.12	Read Inventory Items Activity Diagram	51
3.5.13	UpdateStats Activity Diagram	52
3.5.14	Remove Inventory Items Activity Diagram	53
3.5.15	Read Equipments Activity Diagram	54
3.5.16	Equip Activity Diagram	55
3.5.17	Unequip Activity Diagram.....	55
3.5.18	Upgrade Equipment Activity Diagram	58
3.5.19	Crystalize Activity Diagram	59
3.5.20	Level Up Skill Activity Diagram	59
3.5.21	Equip Skill Activity Diagram	62
3.5.22	Web3 Login Activity Diagram	63
3.5.23	Read Marketplace Item Activity Diagram.....	64
3.5.24	Buy Item Activity Diagram	65
3.5.25	Sell Item Activity Diagram	65
3.5.26	Convert Silver to Vekro Activity Diagram	68
BAB IV PERANCANGAN SISTEM		70
4.1	Class Diagram	70
4.2	Perancangan Antarmuka	71
2.4.1	Main Menu	72
2.4.2	Character Stats	72
2.4.3	Inventory	73
2.4.4	Inventory Item Detail	73
2.4.5	Inventory Compare Equipment	74
2.4.6	Inventory Sell Item	74
2.4.7	Wireframe Enhance.....	75
2.4.8	Skill Menu	75
2.4.9	Marketplace	76
2.4.10	Marketplace Buy	76
2.4.11	Convert Silver	77
2.4.12	Game	77
BAB V PENGEMBANGAN SISTEM		78
5.1	Pengembangan <i>Main Menu</i>.....	78
5.2	Pengembangan <i>Inventory</i>.....	80
5.3	Pengembangan <i>Character Stats</i>.....	81
5.4	Pengembangan <i>Current Equipment Detail</i>	87
5.5	Pengembangan <i>Unequip</i>.....	89
5.6	Pengembangan <i>Enhance</i>.....	90
5.7	Pengembangan <i>Inventory Detail</i>.....	92
5.8	Pengembangan <i>Skill</i>.....	94
5.9	Pengembangan <i>Game</i>.....	96
5.10	Pengembangan <i>Sell Item</i>	109
6.0	Pengembangan <i>Marketplace</i>	111
BAB VI EVALUASI DAN PENGUJIAN SISTEM		118
6.1	Rencana Pengujian	119
6.2	Pengujian Skenario	120
6.2.1	Skenario Pengujian Halaman Main Menu	120
6.2.2	Skenario Pengujian Halaman Inventory	121
6.2.3	Skenario Pengujian Halaman Skill	123

6.2.4	Skenario Pengujian Halaman Game	124
6.2.5	Skenario Pengujian Halaman Exchange.....	126
6.2.6	Skenario Pengujian Halaman Marketplace.....	126
BAB VII KESIMPULAN DAN SARAN.....		128
7.1	Kesimpulan.....	128
7.2	Rencana Pengembangan kedepan	128
DAFTAR PUSTAKA.....		129

DAFTAR TABEL

Tabel 3.1 Tabel Analisis Kebutuhan Fungsional	9
Tabel 3.2 Kebutuhan perangkat lunak	11
Tabel 3.3 Narasi <i>Use-case Movement</i>	13
Tabel 3.4 Narasi <i>Use-case Camera</i>	14
Tabel 3.5 Narasi <i>Use-case Read Stats</i>	15
Tabel 3.6 Narasi <i>Use-case Read Skills</i>	15
Tabel 3.7 Narasi <i>Use-case Attack</i>	16
Tabel 3.8 Narasi <i>Use-case Critical Hit</i>	17
Tabel 3.9 Narasi <i>Use-case Dodge</i>	18
Tabel 3.10 Narasi <i>Use-case Trigger Skill</i>	19
Tabel 3.11 Narasi <i>Use-case Win</i>	20
Tabel 3.12 Narasi <i>Use-case Lose</i>	21
Tabel 3.13 Narasi <i>Use-case Add Inv_Items</i>	22
Tabel 3.14 Narasi <i>Use-case Update Stats</i>	23
Tabel 3.15 Narasi <i>Use-case Read Inv_Items</i>	24
Tabel 3.16 Narasi <i>Use-case Remove Inv_Item</i>	25
Tabel 3.17 Narasi <i>Use-case Read Equipment</i>	26
Tabel 3.18 Narasi <i>Use-case Equip</i>	27
Tabel 3.19 Narasi <i>Use-case Unequip</i>	28
Tabel 3.20 Narasi <i>Use-case Upgrade Equipment</i>	29
Tabel 3.21 Narasi <i>Use-case Crystalize</i>	30
Tabel 3.22 Narasi <i>Use-case Equip Skill</i>	32
Tabel 3.23 Narasi <i>Use-case Web3 Login</i>	33
Tabel 3.24 Narasi <i>Use-case Convert Silver to Diamond</i>	34
Tabel 3.25 Narasi <i>Use-case Buy Item</i>	35
Tabel 3.26 Narasi <i>Use-case Sell Item</i>	37
Tabel 3.27 Narasi <i>Use-case ReadMarketplaceItems</i>	38
Tabel 6.1 Rencana Pengujian.....	119
Tabel 6.2 Skenario pengujian pada halaman <i>Main Menu</i>	120

Tabel 6.3 Skenario pengujian pada halaman <i>Inventory</i>	121
Tabel 6.4 Skenario Pengujian Halaman <i>Skill</i>	123
Tabel 6.5 Skenario Pengujian Halaman <i>Game</i>	124
Tabel 6.6 Skenario Pengujian Halaman <i>Exchange</i>	126
Tabel 6.7 Skenario Pengujian Halaman <i>Marketplace</i>	126

DAFTAR GAMBAR

Gambar 3.1 Gambaran umum sistem yang sudah ada	8
Gambar 3.2 <i>Diagram Use-case Blockchain Integrated RPG Game</i>	12
Gambar 3.3 <i>Movement Activity Diagram</i>	40
Gambar 3.4 <i>Camera Activity Diagram</i>	41
Gambar 3.5 <i>Attack Activity Diagram</i>	42
Gambar 3.6 <i>CriticalHit Activity Diagram</i>	43
Gambar 3. 7 <i>Dodge Activity Diagram</i>	44
Gambar 3.8 <i>TriggerSkill Activity Diagram</i>	45
Gambar 3.9 <i>Win Activity Diagram</i>	46
Gambar 3.10 <i>Lose Activity Diagram</i>	47
Gambar 3.11 <i>ReadStats Activity Diagram</i>	48
Gambar 3.12 <i>ReadSkills Activity Diagram</i>	49
Gambar 3.13 <i>Add Inv_Items Activity Diagram</i>	50
Gambar 3.14 <i>Read Items Activity Diagram</i>	51
Gambar 3.15 <i>UpdateStats Activity Diagram</i>	52
Gambar 3.16 <i>Remove Inventory Items Activity Diagram</i>	53
Gambar 3.17 <i>Read Equipments Activity Diagram</i>	54
Gambar 3.18 <i>Equip Activity Diagram</i>	56
Gambar 3.19 <i>Unequip Activity Diagram</i>	57
Gambar 3.20 <i>Upgrade Equipment Activity Diagram</i>	58
Gambar 3.21 <i>Crystalize Activity Diagram</i>	60
Gambar 3.22 <i>Level Up Skill Activity Diagram</i>	61
Gambar 3.23 <i>Equip Skill Activity Diagram</i>	62
Gambar 3.24 <i>Activity Diagram Web3 Login</i>	63
Gambar 3.25 <i>Read Marketplace Item Activity Diagram</i>	64
Gambar 3.26 <i>Buy Item Activity Diagram</i>	66
Gambar 3.27 <i>Sell Item Activity Diagram</i>	67
Gambar 3.28 <i>Activity Diagram Convert Silver to Vekro</i>	68

Gambar 4.1 <i>Class Diagram</i>	71
Gambar 4.2 <i>Wireframe Main Menu</i>	72
Gambar 4.3 <i>Wireframe Character Stats</i>	72
Gambar 4.4 <i>Wireframe Inventory</i>	73
Gambar 4.5 <i>Wireframe Inventory Item Detail</i>	73
Gambar 4.6 <i>Wireframe Inventory Compare Equipment</i>	74
Gambar 4.7 <i>Wireframe Inventory Sell Item</i>	74
Gambar 4.8 <i>Wireframe Enhance</i>	75
Gambar 4.9 <i>Wireframe Skill Menu</i>	76
Gambar 4.10 <i>Wireframe Marketplace</i>	76
Gambar 4.11 <i>Wireframe Marketplace Buy</i>	76
Gambar 4.12 <i>Wireframe Convert Silver</i>	77
Gambar 4.13 <i>Wireframe Game</i>	77
Gambar 5.1 <i>Pengembangan Main Menu</i>	78
Gambar 5.2 <i>Welcoming Reward code</i>	79
Gambar 5.3 <i>OnEquipmentChanged Code</i>	80
Gambar 5.4 <i>Pengembangan Inventory</i>	80
Gambar 5.5 <i>Pengembangan Character Stats</i>	81
Gambar 5.6 <i>Inventory Add Code</i>	82
Gambar 5.7 <i>Inventory UI Code</i>	83
Gambar 5.8 <i>ShowPagination</i>	84
Gambar 5.9 <i>Inventory Slot script</i>	85
Gambar 5.10 <i>AddUpdateItemToSlot Code</i>	86
Gambar 5.11 <i>Pengembangan Current Equipment Detail</i>	87
Gambar 5.12 <i>Current Equip Detail Code</i>	88
Gambar 5.13 <i>Pengembangan Unequip</i>	89
Gambar 5.14 <i>Unequip Code</i>	89
Gambar 5.15 <i>Pengembangan enhance</i>	90
Gambar 5.16 <i>Enhance Code</i>	91
Gambar 5.17 <i>Pengembangan Inventory Detail</i>	92

Gambar 5.18 <i>Inventory Detail Code</i>	93
Gambar 5.19 Pengembangan <i>Skill</i>	94
Gambar 5.20 <i>Skill Code</i>	95
Gambar 5.21 Pengembangan <i>Game</i>	96
Gambar 5.22 <i>Move Code</i>	97
Gambar 5.23 <i>Locked Camera</i>	98
Gambar 5.24 <i>Character Combat Code</i>	99
Gambar 5.25 <i>Player Combat Code</i>	99
Gambar 5.26 <i>EnemyController Code</i>	101
Gambar 5.27 <i>CharacterStats Code</i>	102
Gambar 5.28 <i>Character Stats Code</i>	103
Gambar 5.29 <i>OnHealthChanged Code</i>	103
Gambar 5.30 <i>SkillFunctions Code</i>	104
Gambar 5.31 <i>mutilate skill code</i>	105
Gambar 5.32 <i>EnemyStats Code</i>	106
Gambar 5.33 <i>Timeout Code</i>	107
Gambar 5.34 Pengembangan <i>Victory</i>	108
Gambar 5.35 <i>Convert Silver</i>	108
Gambar 5.36 <i>Convert Code Smart Contract</i>	109
Gambar 5.37 <i>Sell Material</i>	109
Gambar 5.38 <i>Sell Material Code Smart Contract</i>	110
Gambar 5.39 Interaksi <i>Sell Item</i> dengan <i>Chain Polygon</i>	111
Gambar 5.40 <i>Open Marketplace Code</i>	112
Gambar 5.41 <i>Material marketplace</i>	113
Gambar 5.42 <i>BuyMaterial Code SmartContract</i>	113
Gambar 5.43 Interaksi <i>Buy Material</i> dengan <i>Chain Polygon</i>	114
Gambar 5.44 <i>Sell Equipment</i>	115
Gambar 5.45 <i>SellEquipment Code SmartContract</i>	115
Gambar 5.46 <i>Equipment Marketplace</i>	116
Gambar 5.47 <i>BuyEquipment Code SmartContract</i>	116
Gambar 5.48 Interaksi <i>Buy Equipment</i> dengan <i>Chain Polygon</i>	117