

Gladiator Combat

Lee Shuman, Mobile Application Development – OC Spring 2019

Primary Requirements

- Player will attempt to survive in an arena battle vs. a variety of opponents
- Game will implement text-based battle mechanics up front, may expand to basic graphics given time
- Arena will contain some traps and terrain types that affect player abilities
- An arena store will provide equipment for victory tokens if the player is successful in battle

Character Stats

- Strength: Physical capacity, melee strength
- Agility: Chance to double-strike, increases ranged damage
- Defense: Reduces incoming damage
- Vitality: Increases health
- Endurance: Used for running/physical skills
- Equipment
 - Belt – Store a swappable weapon
 - Leg – Armor rating+
 - Chest – Armor rating+
 - Helm – Armor rating+
 - Feet – Movement speed+
 - Left Hand – Shield/Dagger only, none if bow.
 - Right Hand – Longsword, Great Sword, Dagger, Bow

Player Actions

- Rush
 - Rush to high grass
 - Rush to pit
- Switch Weapon
- Attack
- Shove – Push opponent back a space

Arena Behaviors

- 20x20 grid
 - 2 starting point arrangements
 - Contains at least 3x4 area of high grass
 - Contains 5 random traps
- High Grass
 - Reduces visibility
 - Greatly reduces ranged hit chance
- Pit
 - 1 movement to enter
 - 3 movement to leave
 - Half ranged penalty inside

Enemy Types

- Criminal
- Snake
- Wolf
- Lion boss

Enemy Behaviors

- Move toward opponent
- Retreat/recover
- Attack
- Loot/Point Value

Additional game elements

- Traps
 - Hidden until player/manager discovers them. Persistent through career.
 - Pit – May contain spikes or creature.
 - High Grass – Spike plate impales for damage
- Arena store
 - Free starter weapons
 - Equipment storage
 - Enhanced weapons
 - Bandages
 - Armor pieces