

Samurai Slash Documentatie

Elias El Bouzidi

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1 Introduction

Welcome to "Samurai Slash," a thrilling adventure that plunges you into the solitary world of a warrior faced with overwhelming odds. With no allies to call upon and no respite in sight, you must harness your skill, courage, and determination to fend off relentless waves of enemies that seek to bring you to your knees. Enter the fray, and let your legend be written in the annals of history. This is "Samurai Slash" – where survival is not just a choice, but a way of life.

2 Getting Started

For this game you need to install the game engine "Godot". Once you have this installed you can download the project zip file. Extract the zip file and open it in the Godot engine. In the top right of the engine, you can see a run project button. Press this button and enjoy the game.

3 Gameplay

3.1 Objective

The main goal of "Samurai Slash" is to survive against increasingly challenging waves of enemies for as long as possible. As the lone samurai stranded in the wilderness, your mission is to fend off hordes of adversaries using your combat skills and strategic prowess.

3.2 Controls

- Movement

- **WASD Keys:** Alternatively, you can use the WASD keys for movement. Press 'W' to move forward, 'A' to move left, 'S' to move backward, and 'D' to move right.

- **Arrow Keys:** Use the arrow keys to navigate your samurai through the dense wilderness. Press the up arrow to move forward, the left arrow to move left, the down arrow to move backward, and the right arrow to move right.

- **Attack**

- **Left Mouse Click:** Engage in swift and deadly combat by clicking the left mouse button. Your samurai will unleash a powerful slash, striking down enemies with precision and skill.
- **Fast Clicking:** To unleash a more powerful and rapid assault, you must click the left mouse button in quick succession. As you rapidly click, your samurai enters a state of heightened focus, chaining together a series of slashes with increased speed and damage.

3.3 Mechanics

In "Samurai Slash," strategic utilization of power-ups can turn the tide of battle in your favor, providing temporary enhancements to your samurai's capabilities. These power-ups offer invaluable advantages that can mean the difference between victory and defeat in the unforgiving wilderness. These power ups will re-spawn after a certain time. Here's how each power-up works:

- **Speed Boost:** The Speed Boost power-up enhances your samurai's agility, allowing him to move with unmatched swiftness through the forest.
- **Damage Boost:** The Damage Boost power-up imbues your samurai's attacks with additional strength, making each strike more devastating to your enemies.
- **Max Health Boost:** The Max Health Boost power-up restores your samurai to full health, rejuvenating his vitality and resilience.
- **Invincibility Boost:** The Invincibility Boost power-up grants your samurai temporary immunity to damage, rendering him impervious to harm for a short duration.

3.4 Enemies

In "Samurai Slash," the enemies you encounter are categorized into different niveaux, with each niveau representing increasingly formidable adversaries. You will face a diverse array of foes as you navigate the wilderness. Here are the enemy niveaux and their corresponding types:

- **Niveau 1**

- **Black Werewolf:** Savage and agile, the werewolf is a fearsome adversary that prowls the forest with unmatched ferocity. With razor-sharp claws and formidable strength, it poses a formidable challenge to even the most skilled samurai.

- **Skeleton Warrior:** Animated by dark magic, the skeleton warrior is a relentless undead soldier that marches tirelessly across the battlefield. Armed with a rusted blade and driven by an insatiable thirst for destruction, it seeks to crush all who oppose it.
- **Skeleton Archer:** Perched atop crumbling ruins and hidden vantage points, the skeleton archer rains death upon its foes with deadly accuracy. Armed with a bow and enchanted arrows, it strikes from a distance with lethal precision, testing the reflexes and agility of its adversaries.

- Niveau 2

- **White Werewolf:** The White Werewolf is a more powerful variant of its Niveau 1 counterpart, distinguished by its snowy fur and heightened ferocity. With enhanced speed and strength, it is a formidable foe that strikes with unmatched agility and power.
- **Skeleton Spear:** The Skeleton Spear is a menacing undead warrior armed with a long, jagged spear. It stands as a silent sentinel on the battlefield, its hollow eyes fixed upon its target as it awaits the opportunity to strike.
- **Firespirit:** The Firespirit is a malevolent entity born from the flames of the forest, its fiery form wreathed in infernal energy. It seeks to engulf its enemies in a blazing inferno, consuming all who dare to oppose it in its fiery wrath.
- **Fire Wizard:** The Fire Wizard is a powerful sorcerer whose mastery over flames allows him to unleash devastating pyromantic spells upon his enemies. Cloaked in robes of swirling fire, he commands the very essence of flame, bending it to his will with deadly precision.
- **White Knight:** The Knight is a formidable armored warrior clad in heavy plate mail, wielding a massive sword with deadly proficiency. Honed by years of combat experience, he stands as a stalwart guardian of the forest, defending its secrets with unwavering resolve.

- Niveau 3

- **Red Werewolf:** The Red Werewolf is a fearsome apex predator, distinguished by its fiery crimson fur and unmatched savagery. With enhanced speed, strength, and ferocity, it is a relentless force of nature that strikes fear into the hearts of all who oppose it.
- **Red Knight:** The Red Knight is a formidable adversary clad in crimson armor, its polished surface gleaming with malevolent intent. Armed with a massive greatsword wreathed in flame, it stands as a formidable barrier to all who dare to challenge its dominion.

- **Lightning Mage:** The Lightning Mage is a master of elemental magic, wielding the power of lightning with deadly precision. Cloaked in robes crackling with electrical energy, it commands the very forces of nature, unleashing devastating storms of lightning upon its foes.

- **Niveau 4**

- **Pink Knight:** The Pink Knight is a deceptive adversary, its appearance belying the deadly skill and determination that lie beneath its rosy exterior. Clad in shimmering pink armor and wielding a wickedly sharp blade, it is a formidable foe that strikes with surprising speed and precision.
- **Dark Magician:** The Dark Magician is a sinister sorcerer whose mastery over shadow and illusion knows no bounds. Cloaked in robes of deepest black, it commands the very darkness itself, unleashing nightmarish spells upon its enemies with malevolent glee.
- **Kitsune (Spiritual Fox):** The Kitsune is a mystical creature of ancient legend, its ethereal form shimmering with otherworldly energy. As a guardian of the forest, it possesses the ability to manipulate spiritual energy, manifesting illusions and casting powerful enchantments upon its foes.

3.5 Waves

In "Samurai Slash," the waves of enemies you face present an ever-escalating challenge that will test your skills and resilience to the limit. As you progress through the waves, the enemies become increasingly powerful and numerous, requiring you to adapt your strategies and tactics to survive. Here's how the wave mechanics work:

- **Wave Progression:**

- **Starting Niveau:** The first wave begins at Niveau 1, introducing you to the basic enemies and mechanics of the game.
- **Niveau Advancement:** After every 2 waves, the niveau increases by one, raising the stakes and introducing more formidable adversaries.
- **Maximum Niveau:** The niveau progression reaches its peak at Niveau 4, where you will face the most powerful enemies and the greatest challenges.

- **Enemy Spawning:**

- **Niveau Selection:** At the start of each wave, there is a 70% chance that enemies from the same niveau will spawn, and a 30% chance that enemies from lower niveaux will appear. This ensures a dynamic and varied experience with each wave.
- **Quantity and Strength:** As the niveau increases, the number of enemies spawned and their overall strength also increase, presenting you with greater obstacles to overcome.

- Power-Up Spawning:

- **Frequency:** Every 15 seconds during a wave, a power-up will spawn at a random location on the battlefield.
- **Variety:** Power-ups include speed boosts, damage boosts, max health boosts, and invincibility boosts, providing temporary enhancements to your samurai's abilities to aid you in battle.

4 Player Character

The player has 150 hitpoints. The player can also jump, so that it can dodge enemy attacks better.

5 User Interface

The health bar is prominently displayed above your character, providing a clear indication of your current health status. When a power-up is active, its icon appears next to the health bar, signaling the temporary enhancements you have gained. As you dispatch enemies with skill and precision, your score steadily increases, reflecting your prowess as a samurai warrior. Every foe you defeat earns you points, with tougher adversaries granting higher scores. The score is showed at the top in the middle of the screen, so it is always visible. When you press the key "esc" a pause menu pops up, pausing the game and giving you the opting to continue or quit. When the player dies another menu pops up showing you the final score and giving you the opting to try again or to quite the game.

6 Audio Experience

In "Samurai Slash," the immersive audio experience enhances every moment of your journey through the untamed wilderness. From the clash of steel to the haunting melodies that echo through the forest, the sounds of the game draw you deeper into its world, heightening the intensity and excitement of every encounter. Here's what you can expect from the audio experience:

- Sound Effects:

- **Combat Clashes:** With every swing of your blade and every clash of steel, the sound effects bring the intensity of combat to life, immersing you in the heart-pounding action of battle.
- **Enemy Roars:** The chilling roars of werewolves and the clattering bones of skeletons add an ominous atmosphere to the battlefield, signaling the approach of formidable adversaries.

- **Power-Up Activation:** The satisfying sound of power-up activation signals the momentary boost in your samurai's abilities, empowering you to face your enemies with renewed vigor.

- **Background Music:**

- **Epic Score:** The sweeping orchestral score sets the tone for your adventure, conveying the grandeur and danger of the wilderness that surrounds you. From stirring melodies to pulse-pounding rhythms, the music enhances every moment of your journey, heightening the drama and excitement of your battles.

7 Visual Effects

In "Samurai Slash," the visual effects serve to enhance the immersive experience, adding depth and dynamism to every moment of gameplay. From the dazzling glow of power-ups to the subtle nuances of movement, the visual effects bring the world of the game to life in vivid detail. Here's what you can expect from the visual effects:

- **Power-Up Effects**

- **Underlighting:** When a power-up spawns on the battlefield, it is accompanied by a radiant underlighting effect that highlights its presence and importance. This subtle glow draws your attention to the power-up, ensuring that you never miss an opportunity to gain a crucial advantage in combat.
- **Size Variation:** As the power-up remains on the battlefield, it continuously fluctuates in size, expanding and contracting rhythmically. This dynamic animation adds a sense of movement and life to the power-up, reinforcing its importance and encouraging players to act quickly to claim its benefits.

- **Dust Effect:**

- **Landing Effect:** When your samurai lands after a jump or fall, a cloud of dust billows up from beneath his feet, adding a realistic touch to his movements. This subtle visual effect adds weight and impact to each landing, enhancing the immersion and realism of the game's environment.

8 Outro

Thank you for embarking on this epic adventure with us. May your blade remain sharp, your spirit indomitable, and your legend eternal. Until we meet again in the heart of the wilderness, farewell, brave warrior, and may your path be ever guided by the light of honor and valor.