

Medieval Arms Simulator

Accurately simulator of medieval fighting, and the maneuvering of weapons

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Description

- (1) The Medieval Arms Simulator is a VR application designed to accurately replicate the weight, maneuverability, and unique handling of medieval weapons. Players are transported into a realistic medieval environment, where they can practice and perfect weapon techniques using historically accurate swords, axes, and other combat tools. This experience is enriched by realistic physics, sound effects, and intricate weapon animations to create an authentic medieval combat simulation.
- (2) Our app aims to capture the precision and physicality of medieval weaponry, incorporating VR-specific physics that emulate weapon weight, inertia, and impact. By leveraging advanced VR controls, haptic feedback, and motion tracking, players experience the complexity and skill required to handle various medieval arms effectively. The app also includes a training mode with historical combat techniques and an interactive tutorial, providing educational insight into medieval weapon handling.
- (3) Unlike existing medieval VR games that emphasize arcade-style combat or fantasy elements, Medieval Arms Simulator focuses on accuracy, realism, and historical fidelity. Each weapon behaves as it would in real life, with a physics engine that ensures proper weight distribution, swing arcs, and the need for real strategic maneuvering. This simulation is geared towards history enthusiasts, reenactment fans, and VR players interested in a more realistic medieval experience rather than fast-paced, fantasy-driven gameplay.

Similar products & Relevant Links(>=3)

Name Blade & Sorcery

Url [https://store.steampowered.com/app/629730/Blade and Sorcery/](https://store.steampowered.com/app/629730/Blade_and_Sorcery/)

Relevant Features

- Physics-driven melee and ranged combat.
- Interactive environment with physics interactions.
- Customizable spells and mod support for enhanced experience.

Name Hellsplit: Arena

Url https://store.steampowered.com/app/1039880/Hellsplit_Arena/

Relevant Features

- VR horror melee combat with medieval weapons.
- Realistic physical reactions from enemies.
- Detailed VR interactions and movement.

Name The Morrigan

Url https://store.steampowered.com/app/985260/The_Morrigan

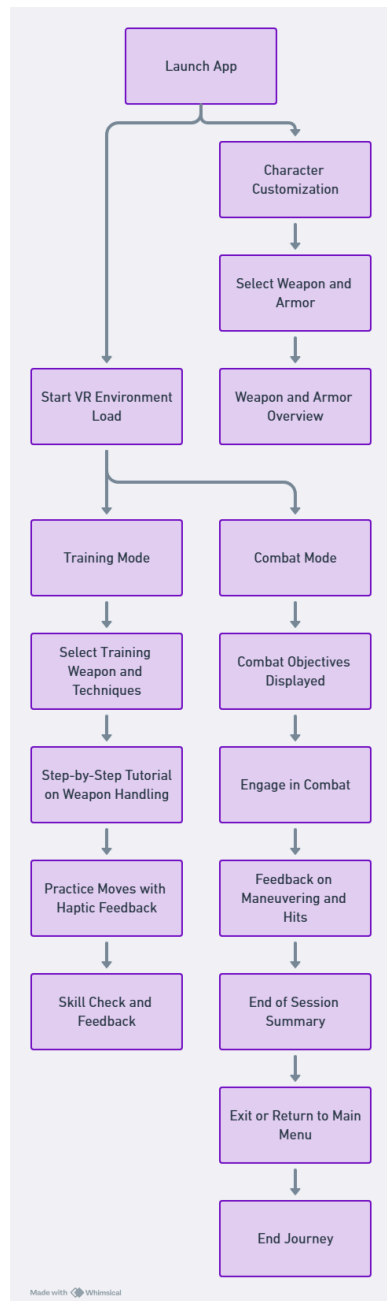
Relevant Features

- VR melee combat with immersive weapon handling.
- Mythical settings combined with medieval combat.
- Integrated health and stamina system affecting combat ability.

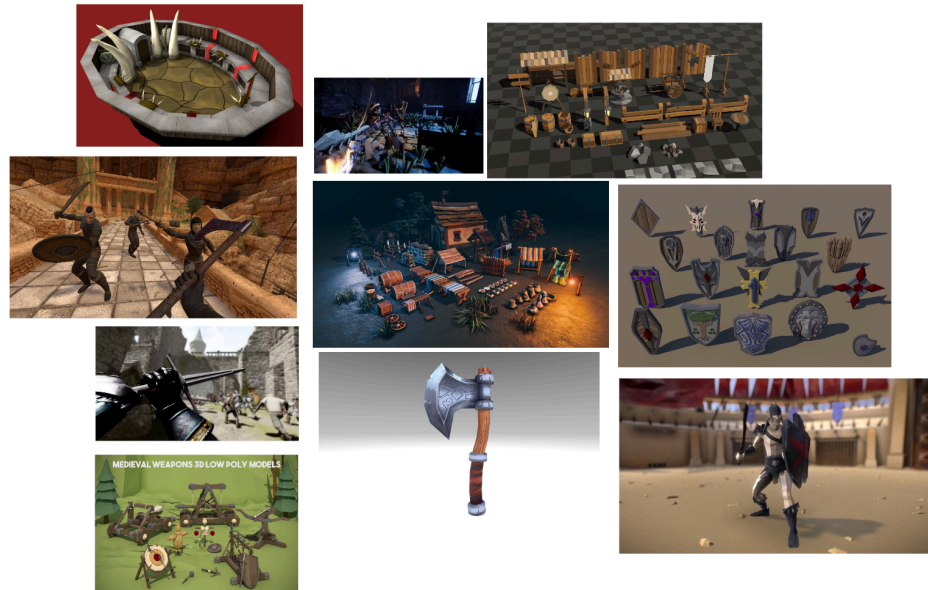
Main Features

- **PRINCIPAL MAIN VERY IMPORTANT FEATURE:**
Realistic Medieval Weapon Handling: Each weapon's weight, balance, and movement patterns are finely tuned to match historical accuracy. The simulator provides feedback on weapon impact and effectiveness, giving users a true sense of medieval combat physics.
- **Other features:**
- **Interactive Combat Training:** Step-by-step training on different weapon techniques, including swordsmanship, axe wielding, and shield defense, following historical methods.
- **Adaptive Physics Engine:** A physics engine tailored for VR, adjusting to weapon type, user movement, and environmental factors for realistic feedback and maneuvering.
- **Customizable Character Armor and Weapon Loadout:** Choose from a range of armor and weapon types, each affecting mobility, defense, and attack strategies.

User Journey Diagram - Step by step flow through app



Moodboard (10+ images)



Technologies, Libraries, Assets - Links

(>=5)

1. - Unity3D
2. - Blender
3. - XR VR Toolkit
4. <https://assetstore.unity.com/packages/3d/environments/fantasy/low-poly-gladiator-s-arena-167116>
5. <https://www.renderhub.com/daront/shield-pack-low-poly>
6. - Logic
7. - Radio Zu
8. -