





## **OVERVIEW** This project is a single-player PC game with realistic 3D graphics and three defining features: Real-time Collision-based Combat, Toggle-able Stealth System, and Reactive A.I. Behaviors. STORY & ATMOSPHERE "In the northern, frigid mountains sits an abandoned castle belonging to Thelum, a once powerful but now forgotten arcane kingdom. At its prime, Thelum's expansive territory covered forests, volcanoes, and underground caverns. Legends say that an ancient and powerful arcane artifact still resides within the castle walls. You play as an adventurer, taking on this op portunity for riches, glory and arcane power. COMBAT AND COLLISION The player, every monster, and every weapon in the game is bounded by a collision mesh. During combat, the player and monsters can attack each other at any time without waiting for turns. Damage is only dealt when the collision meshes of a weapon and a victim overlaps; otherwise the attack misses. These collision meshes move together with character animations, giving the experience of realistic combat. For List Action William Colleges Wildow Wildow William Dear Books Service State Stat Editor window showing player sword collision mesh STEALTH MODE AND INVISIBILITY The player can freely toggle in and out of Stealth Mode by pressing Left-Ctrl. While in Stealth Mode, the player moves slower, but sword attacks on unaware enemies deal bonus damage. This Stealth Attack is made easier with the Invisibility Spell.



