**SHARK 3D – USER GUIDE**

COMP 4471 – COMPUTER GRAPHICS

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**Objective**

The objective of the game is to survive the wave of 10 sharks attacking you. You can kill the sharks by pressing the spacebar when facing them.

**Controls**

**Movement:** To rotate the player you may use the **arrow keys** (left and right), or the WASD keys if you prefer a mouse and keyboard control method.

**Shooting:** To attack in the facing direction, press the **spacebar**. Or, if you prefer mouse and keyboard controls you can click the left mouse button.

**Lights:** To toggle the lighting on or off inside the cage, press the **L** key.

**Starting the game**

To start the game, simply double click on the *shark3d.html* file and the game will begin immediately in your preferred internet browser. We recommend Chrome for the best experience, which can be downloaded at <https://www.google.com/chrome/>.

The shark will appear randomly at one of the 6 cage sides and immediately begin to damage the wall until it is fully destroyed. Once a wall is destroyed, the shark will enter the cage and kill the player. Your goal is to prevent this by killing the attacking sharks before they get the chance to do so. Once you’ve killed a shark, another will appear at another side at random. Repeat this until you’ve killed 10 sharks to win the game.

Once you’ve successfully killed the shark, or if the shark has killed you, you can restart the game by simply pressing the [Enter] key at the game over screen.