

Dock Runner

Dock runner is an endless runner game that allows for players to endlessly dodge obstacles in a random arrangement. The purpose of the game is to allow the player to run and zen out while trying to obtain the highest score possible. As the game progresses the player will increase in speed in order to increase the game's difficulty as the game progresses. Upon hitting an obstacle the player will experience player death which is defined by an end screen that allows the player to try and play again. In order to ensure player satisfaction with the game only head on collisions were counted as player death.

This project was created using many free resources and assets. This game was created using Unity, a free software. The Unity scripting was done in C# which allowed for the player movement and collision detection. Free assets were acquired from the Unity Asset Store and the gameplay was created using an online tutorial on Youtube by user N3K EN. Every asset used in the game was from the unity assets including the nature, cat, bridge, boxes, water, boat, buttons, and sky.

“371 Simple Buttons Pack.” *Asset Store*,
assetstore.unity.com/packages/2d/gui/icons/371-simple-buttons-pack-97516.

“Fishing Boat.” *Asset Store*,
assetstore.unity.com/packages/3d/vehicles/sea/fishing-boat-23181.

“FREE Skybox Cubemap Extended Shader • Standard Edition.” *Asset Store*,
assetstore.unity.com/packages/vfx/shaders/free-skybox-cubemap-extended-shader-standard-edition-107400.

“Lowpoly Toon Cat Lite.” *Asset Store*,
assetstore.unity.com/packages/3d/characters/animals/lowpoly-toon-cat-lite-66083.

“LowPoly Water.” *Asset Store*,
assetstore.unity.com/packages/tools/particles-effects/lowpoly-water-107563.

“Medieval Barrels and Boxes.” *Asset Store*,
assetstore.unity.com/packages/3d/props/exterior/medieval-barrels-and-boxes-137474.

“Modular Wooden Bridge Tiles.” *Asset Store*,
assetstore.unity.com/packages/3d/props/exterior/modular-wooden-bridge-tiles-29501.

“N3K EN.” *YouTube*, YouTube,
www.youtube.com/channel/UCtQPCnbIB7SP_gM1Xtv8bDQ.

“Nature Starter Kit 2.” *Asset Store*,
assetstore.unity.com/packages/3d/environments/nature-starter-kit-2-52977.