

## **Angry Trojans (USC vs. UCLA) Game**

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### **General Info**

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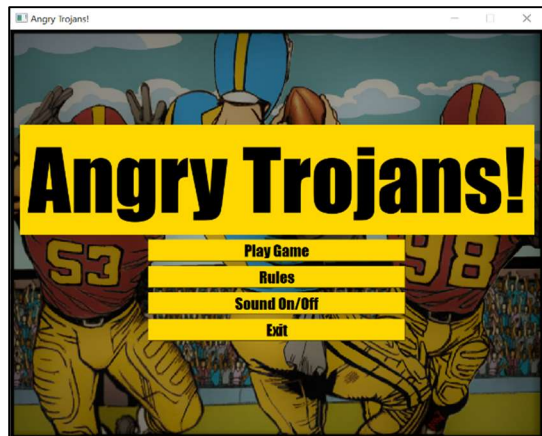
This project is an interactive game called “Angry Trojans,” a USC vs. UCLA competition in which the user plays the role of a UCLA football player defending against enemy USC football players. The objective of this game is to dodge or destroy the incoming opponents by throwing footballs directly up the screen. To do so, the user may move right and left using the respective arrow keys or throw a ball using the up arrow key. In order to complete each round, the user must survive for 30 seconds; however, as levels advance, the amount and speed of the enemies will increase and thus gameplay will become increasingly difficult. Once the user successfully completes one level, a congratulatory screen is displayed and the user can click to advance to the next stage until the game is completed (a total of 10 rounds).

### **Rules**

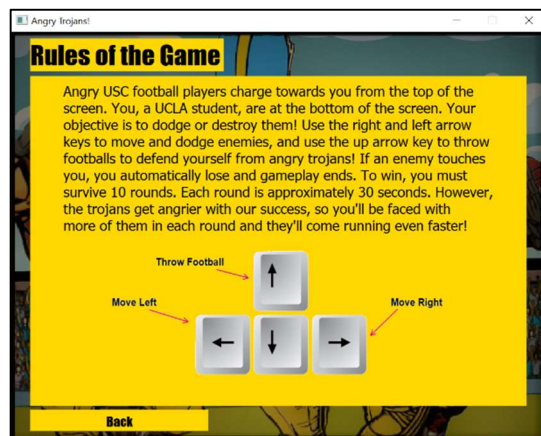
- **GAME OBJECTIVE:** Angry USC football players charge towards you from the top of the screen. You, a UCLA student, are at the bottom of the screen. Your objective is to dodge or destroy them!
- Use the right and left arrow keys to move and dodge enemies.
- Use the up arrow to throw footballs to defend yourself from opponents.
- If an enemy touches you, you automatically lose and gameplay ends.
- To win, you must survive 10 rounds. Each round is approximately 30 seconds long and difficulty will increase with each level!

## Screenshots/Gifs

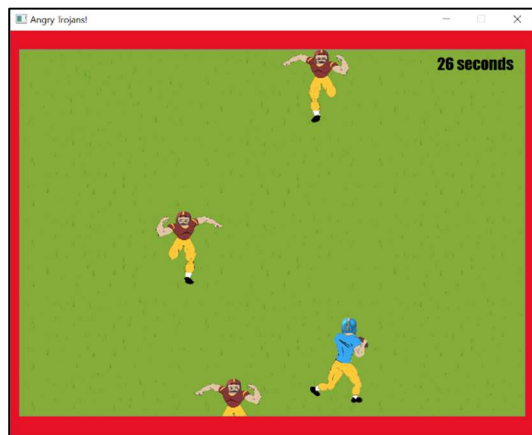
Main Menu



Rules Window



Gameplay Run Right



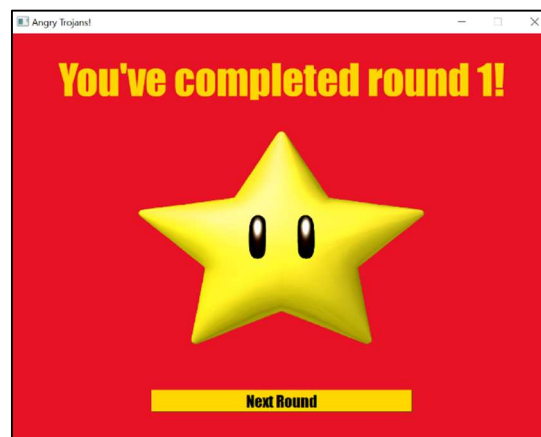
Gameplay Run Left

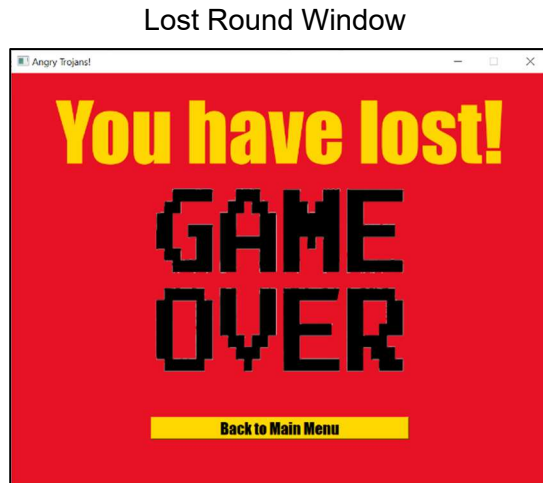


Gameplay Throw Football



Won Round Window





## Logistics

- Qt Software/Libraries (included)
- C++ programming language (computer must have C++ compiler)
- Game is optimized for a fixed, center window size
- Game is cross-platform, most optimal for Windows (1920x1080 resolution) but also compatible with any resolution and/or MacOS.
- Game was designed and tested on Windows PC with Microsoft Visual C++ Compiler

## Setup

- Install Qt on your computer.
- Install the project zip file.
- Open the .pro file. This will open the project and all files included in the zip.
- Click the green play button, or keyboard shortcut to run the game.
- Click the “Play Game” button on the home screen to begin playing! (or “Rules” to review the rules for the game or “Exit” to exit application)

## Status

Project is finished.

Additional changes to the UI could be made if desired, such as options for changing background image and or customizing character.