COMP2406A - Assignment 2 ReadMe

Authors:

Charles Jonathan Bhim (100972986)

Arzaan Irani (100826631)

Tic Tac Toe Game

The program was developed on Windows using the Chrome Browser Environment.

The program can be run by using 'node app.js' command in the terminal, where the current directory in the terminal is the directory where the files are currently located. The server runs on 'http://127.0.0.1:3000/assignment2.html'.

This is a Tic Tac Toe game. This game is based on regular Tic Tac Toe where there are two players. Player 1 uses the Xs and one Player 2 uses the Os. Player 1 cannot use the Os and vice versa. The rules are not enforced on our version of the game, so players must navigate based on the own intuition (each player should identify when they win, and what are the appropriate positions to place an X or O).
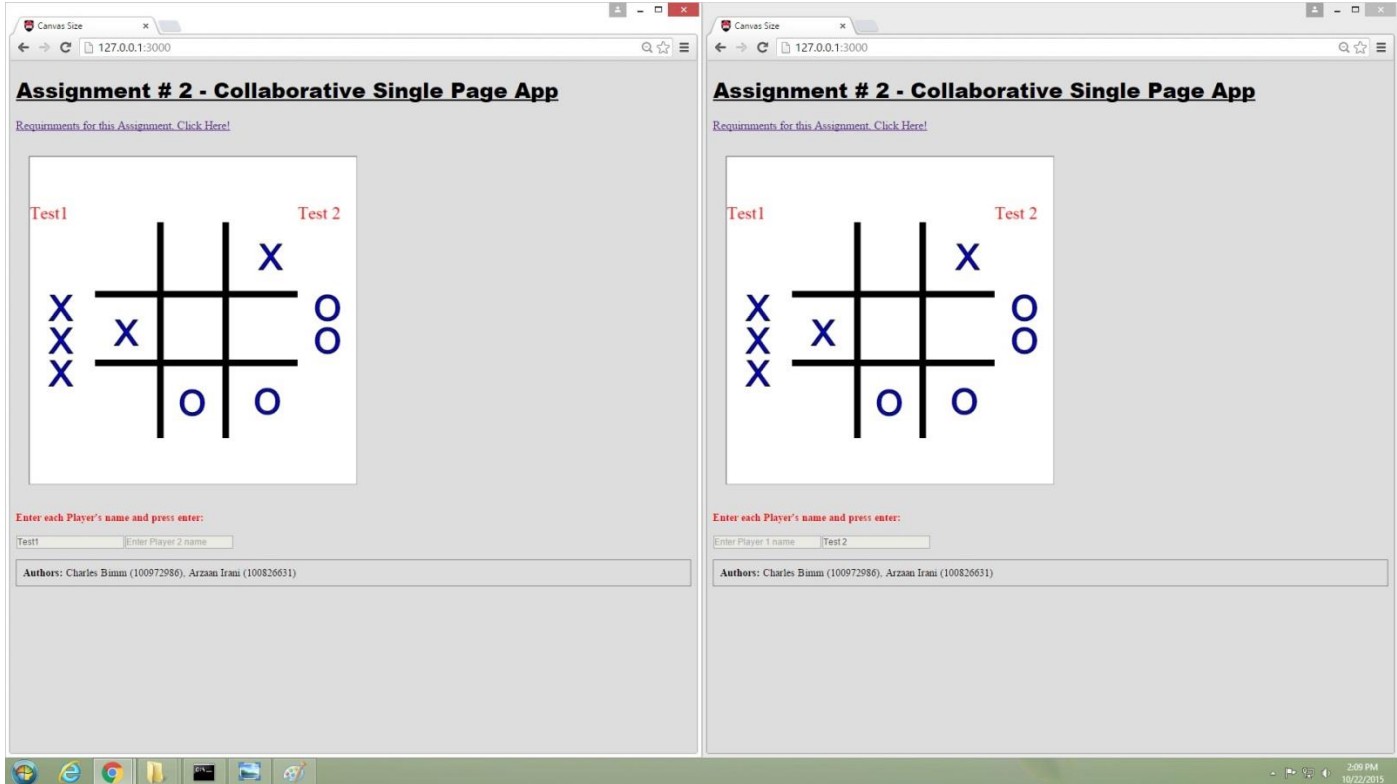
To start the game, player one and player two must each enter their names in the appropriate text boxes. The boxes are labelled 'enter Player 1 name' and 'enter Player 2 name' accordingly. After entering your name, press enter to save the name in the system. Once the names are saved, Player 1 will control the Xs and Player 2 will control the Os. At any point, refreshing the windows will interrupt and restart the game.

Bugs

There is one known bug in the code (it was discovered last min). The bug seems to activate when the size of the window containing the canvas changes. If the size of this window gets too small, then the clicking and grabbing of the Xs or Os does not properly work. In this case, the grabbing only works considerably above the desired X or O, or the grabbing does not work at all. This error also appears in some cases when a different environment is used to run the game (ex. Using a Mac to run the game in a Safari Browser Environment).

Screenshot of Program running

Screenshot of Program starting(names not entered)