Environment:



Microsoft Windows Version 20H2 (OS Build 19042.1237)

Google Chrome: Version 94.0.4606.71 (Official Build) (64-bit)

Test Plans:

Tic-Tac-JS: Site Functionality

OVERVIEW

- Test the functionality of the Tic-Tac-Toe website

LINKS

- http://127.0.0.1:5500/tictacjs.html (to be updated with deployed website URL form heroku)

TEST CRITERIA

- Test Start button functionality
- Test display of winner and loser at top of screen
- Test repetitive clicking on one box

ENTRY CRITERIA

- Have a working site
- Have test criteria written out
- Computer for testing

EXIT CRITERIA

- All tests passing
- Time has run out

Test Cases:

Where the O's poulate

Tests: Passed:

Start Button Functionality

The start button should enable the game to be played after being clicked

STEPS

- Navigate to live site
- Check to see if the start button populates on the top of the page
- Click box to see if it populates
- Click start button
- Click bos to see if it populates

TEST POSTCONDITIONS

- Start button loads properly when loading the page
- Start button enables boxes to start to be populated

Tests: Failed:

Winner/Loser Displayed at top of Screen

Upon finishing game, Winner and Loser should be distinct and displayed for user to see

STEPS

- Navigate to live site
- Select Start button
- Begin playing game until 3 X's or 3 O's are in a line

TEST POSTCONDITIONS

- Winner and Loser are properly displayed across top of screen

Bug Report:

STEPS TO REPRODUCE

- On the live site, select start
- Click the bottom right box, then click the two boxes above it in ascending order
- X will be the winner of this game

EXPECTED RESULT

- Clearly display the winner and loser at top of screen

ACTUAL RESULT

- display shows "X lost"

Repetitive Clicking on One Box

Test clicking one box multiple times

STEPS

- Navigate to live site

- Select Start button
- Begin playing game and click only one box multiple times

TEST POSTCONDITIONS

- After one click on the box nothing should happen after another click on the same box

Bug Report:

STEPS TO REPRODUCE

- On the live site, select start
- Click the bottom right box, then click the same box multiple times

EXPECTED RESULT

- After one click on the box, the multiple clicks should have no effect on the game

ACTUAL RESULT

- Opposing O's populate for 2 additional clicks after the first click on the same box.