Testing Tic Tac Toe

Test Plan:

Overview:
Test the functionality of the app.

Link:
https://localhost:4000

Test Criteria:
- test that the start button starts the game
- test that the program includes an "X" where the mouse is clicked
- test the the program returns a message with the winner

Entry Criteria:
- Running version of the site.
- Phone or laptop for testing.

Exit Criteria:
- All tests have been run.
- High priority tests have passed.
- Time is up.

Other Details:
- Environment (modern browser)

Test Case: The start button starts the game (1.0)

Applies to the "Start!" Button at the beginning of the game.

Setup:
-Navigate to https://localhost:4000

Steps:
- Click the "Start!" button

Postconditions:
-The button should disappear when you click it

Test Results:
PASS Oct 22, 2021
Chrome v 94
OS: Mac Big Sur

Test Case: An "X" appears when a cell is selected (1.0)

Applies to the "Start!" Button at the beginning of the game.

Setup:
-Navigate to https://localhost:4000

Steps:
- Click the "Start!" button
- Select the first square

Postconditions:
-An "X" should appear in the space you clicked

Test Results:
PASS Oct 22, 2021
Chrome v 94
OS: Mac Big Sur

Test Case: The program returns a message with the winner (1.0)

Applies when either "X" or "O", whichever one gets it first, have three in a row horizontally, vertically, or diagonally.

Setup:
-Navigate to https://localhost:4000

Steps:
- Click the "Start!" button
- Select the first square. Continue to select until either you or the computer have 3 in a row.

Postconditions:
-The message "X won" or "O won" should display at the top left.
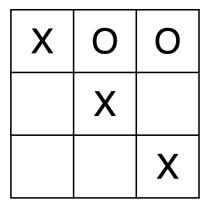-The table should not accept any more click entries.

Test Results:
FAIL Oct 22, 2021

Chrome v 94
OS: Mac Big Sur

- The message returns back as "X Lost"

The program returns a message with the winner (1.0) Bug Report

X lost

X	O	O
	X	
		X

The program displayed "X lost" when "X" won.

Steps to reproduce:
- Click the "Start!" button
- Select the first square. Continue to select until "X" has 3 in a row.

Actual Result:
- The message returns back as "X Lost"

Environment:
- Chrome v94, Mac Big Sur