TEST PLAN:

OVERVIEW:
Test the functionality of this app, make sure that the correct text will be generated when someone plays the game, and that the correct winners and losers of the game are recorded. Test all functions for possible scenarios for winning and losing Tic Tac Toe.
LINKS:http://localhost:4000/

TEST CRITERIA:
1. Make sure that the game can be played and won with x's or o's horizontally, vertically, and diagonally.
2. Test to see that both player and opponent play an equal amount of times in a game.
3. Test to see that in the case of a tie, both winners are displayed.

ENTRY CRITERIA:
-Test criteria available
-running version of app provided for testing
-computer for testing

EXIT CRITERIA:
-All high level and high priority tests have passed.

*TEST CASE 1:
Making sure the game can be played and won with boxes chosen horizontally, vertically, and diagonally.
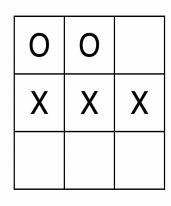
-TEST PASSED: NO

-TEST FAILED/BUG REPORT:

X lost

O	O	X
	X	
X		

X lost

O	O	
X	X	X

X lost

O	O	X
		X
		X

Description:

There is no way for the player to win, diagonally, horizontally or vertically.

Steps to reproduce:
  1. Navigate to page
  2. Click on boxes in any of those orders.

Expected Result:
Should display winner when playing.

Actual Result:
There is no way for the player to win, says X lost every time.

*TEST CASE 2:

Test to see that both player and opponent play an equal amount of times.

-TEST PASSED:

-TEST FAILED/BUG REPORT:

X lost

O	O	
X	X	X

Description:
The opponent or computer consistently plays less than the player. In most cases, the computer will only play twice while the player will play 3 times.

Steps to reproduce:
  1. Navigate to page
  2. Click on boxes in any order

Expected Result:
The number of plays made by both player and opponent should be the same.
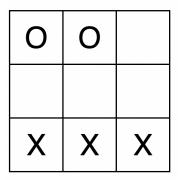
Actual Result:
The number of plays made by the opponent is consistently one less than the player.

*TEST CASE 3:

-Test to see that in the case of a tie, both winners are displayed.

-TEST PASSED:

-TEST FAILED/BUG REPORT:

X lost

O	O	
X	X	X

Description:
In the case that a tie should be the next step, a tie is not displayed but shows that the player lost.

Steps to reproduce:
1. Navigate to page
2. Play in any row

Expected Result:
It is expected that the computer would take a third turn and cause a tie. A tie with both winners should be displayed.

Actual Result:
The player loses, and the computer does not make the third and final play for a tie. No tie is made or displayed.