Tic Tac Toe Test Plan

Overview:
Test the functionality of the app

http://localhost:4000 (works only if you download the right files for it)

Test Criteria:
-Download correct files.
-Run with 'npm install' and 'npm run start' in terminal.
-Browser needs to be able to click 'Start'
-Browser needs to be able click squares to place.
-If player can create a line that is a column, row, or diagonal with 3 "X's" before computer, player wins.
-If computer can create a line that is a column, row, or diagonal with 3 "O's" before user, computer wins

Entry Criteria:
-running version of the site

Exit Criteria:
-All tests have been run.
-Game can sucessfully be played without bugs

Other details:
-Environment (modern browser)

Test Case: Start Button works

Setup:
-Browswer has tic-tac-toe game up

Steps:
-click start button at the top of the page to start playing

Postconditions:
-game is able to start and play after clicking start

Passed Aug 27
Chrome v92
OS: Mac

Test Case: Game Restarts When Finished

Setup:
-Browswer has tic-tac-toe game up

Steps:
-click start button at the top of the page to start playing
-After computer or player wins, game should restart

Postconditions:
-game is able to restart and play after a game is done

Failed Aug 27
Chrome v92
OS: Mac

Test Case: Clicking over an 'O'

Setup:
-Browswer has tic-tac-toe game up

Steps:
-click start button at the top of the page to start playing
-User and computer take care clicking on browser
-Player should not be able to change an 'O' from an 'X'

Postconditions:
-Player can replace 'O' with an 'X' with a click.

Failed Aug 27
Chrome v92
OS: Mac

Test Case: When there are a line of 3'x player wins

Setup:
-Browswer has tic-tac-toe game up

Steps:
-click start button at the top of the page to start playing
-click squares muliple times to get a line of 3 X's

Postconditions:
-X player does not always win if it creates a line with 3 X's

Failed Aug 27
Chrome v92
OS: Mac

Test Case: When square is clicked X displays

Setup:
-Browswer has tic-tac-toe game up

Steps:
-click start button at the top of the page to start playing
-when player clicks X, X should display on the browser

Postconditions:
-When player clicks X, X should display on the browser

Failed Aug 27
Chrome v92
OS: Mac