

Overview

Testing the functionality of Tic-Tac-Toe app

Test Criteria

- should be able to press start and click an empty square to place an x
- computer should fill in an O to an empty square after each x is placed
- Game should display when there is a winner, 3 in a row
- game should only work after pressing start
- should not be able to click on a taken square

Entry Criteria

Working version of the game

Modern Browser

Test Case #1 Clicking an empty square will place an X for the player in that square

Steps:

1. Click the start button
2. Click inside an empty box
3. X should appear inside of that box

Comments: Test Passed:9/10/21 OS:Windows 10, Chrome

Test Case #2 Clicking an taken square should leave everything the same

Steps:

1. Click the start button
2. Click inside an empty box
3. X should appear inside of that box
3. Click inside that same box
4. No changes should appear to the table.

Comments: Test Failed:9/10/21 OS:Windows 10, Chrome

-After x is clicked the second time, a new O still appears even though no x has been added.

Test Case #3 Each time an x has been added an o should be added as well until there is a winner

Steps:

1. Click the start button
2. Click inside an empty box
3. X should appear inside of that box and an O in another box
3. Click inside another new box and check if a new o has been added somewhere else as well.
4. Continue clicked empty boxes until someone wins, check each time for additional O's

Comments: Test Failed:9/10/21 OS:Windows 10, Chrome

-only 2 O's are only ever added to the top row and the 2nd box of the first column and if those cells are taken up already then no O is added even if there is room on row 3

Test Case #4 Winner message should pop up once someone reaches 3 in a row
Steps:

1. Click the start button
2. Click the 3rd column 1st row cell
3. Click the cell below that one
- 3.click the cell below that one
- 4.Message should appear that says "X won"
5. Allow O to win, should pop up message "O Won"

Comments: Test Failed:9/10/21 OS:Windows 10, Chrome

-The message appears and says that X lost or O lost.