

Tic Tac Toe Test Plan:

Overview:

Create a tic tac toe game that will help user play a game against the code!

Links:

- <https://ed.devmountain.com/materials/skills/qa/>
- <http://localhost:4000/>

Test Criteria

1. make sure proper winner displays once the game is played
2. make sure the O plays (code runs) each time the user takes a turn with tic tac toe (as X)
3. Make sure to display instructions for the user to restart, refresh, press start to begin the game

Entry Criteria

- test criteria
- running version of the application
- computer and browser (current, common)

Exit Criteria

- all tests completed
- high priority test are passing
- the allotted time is up

Details

- running on a modern browser
- app to be reasonably styled

TESTS PASSED:

TESTS FAILED:

Test Case: Tic Tac Toe Winner Display

This test will make sure to display the proper winner once game is played.

Steps:

1. Navigate to the tic tac toe game home page.
2. See the game displayed on the page.
3. Check and select the start button at the top of the page.
4. Press start and select your first move on the game as 'X'.
5. Make your selections to play and finish the game.

6. Once the game is over, the proper winner message will display at the top of the page.

Test Post Conditions:

- We should see alerts for the user at the top of the page of who the winner is.
- Alert will display the proper winner message.

Comment:

June 11, 2021

Browser: Chrome v 91

OS: MacOS Big Sur (11)

Test failed

-The alert message displays the wrong winner once the game is played. This is a big error.

X lost

X	O	O
o		X
X	X	X

Test Case: Game Rules are Followed

Make sure the O plays (code runs) each time the user takes a turn with tic tac toe (as X).

Steps:

1. Navigate to the tic tac toe game home page.
2. See the game displayed on the page.
3. Check and select the start button at the top of the page.
4. Press start and select your first move on the game as 'X'.
5. Make your selections to play the game.
6. See what the computer plays when its not user's turn.
7. Be sure to take turns while each player plays one at a time.
8. Finish playing the game.

Test Post Conditions:

- We should see a selection from the computer every time the user plays so each is playing one at a time.

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Comment:

June 11, 2021

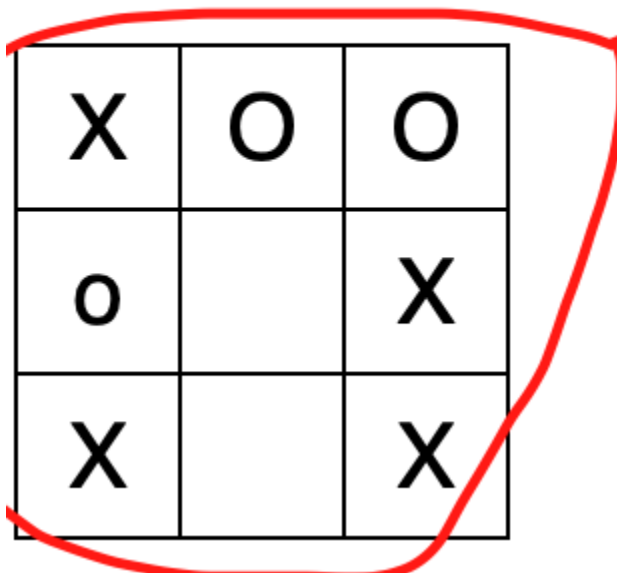
Browser: Chrome v 91

OS: MacOS Big Sur (11)

Test failed

-The computer does not play every time the user plays. This is a big error.

Tic Tac JS



X	O	O
o		X
X		X

Test Case: Instructions for Game

Make sure to display instructions for the user to restart, refresh, press start to begin the game.

1. Navigate to the tic tac toe game home page.
2. See the game displayed on the page.
3. See instructions for how the game is played.
4. Instructions should alert user to how to navigate the page and what to do to begin the game.

Test Post Conditions:

- we should see instructions for how the game is played.
- There should be no confusion to how to restart and start each tic tac toe game.

Comment:

June 11, 2021

Browser: Chrome v 91

OS: MacOS Big Sur (11)

Test failed

- There are no instructions for how the game is played. There is no alert for user on how to refresh and start the game.

