

Tic-Tac-JS

Tic Tac JS Test Plan:

Overview:

Test the functionality of the Tic-Tac-Toe.

Links:

<http://127.0.0.1:5500/tictacjs.html>

****Test Criteria**:**

- Can play a full game of Tic-Tac-Toe.
- TicTacToe must return the winner properly.
- The opponent should be able to counter a potential winning move.
- The font of O's and X's should be the same size.

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)
- Reasonably styled.

Passed Tests:

Setup:

- Navigate to TicTacToe JS and start playing.

Steps:

- Try and play the game of Tic-Tac-Toe.

Postconditions (After we run tests):

- Should be able to complete the game and show the winner.

Comment:

Test Passed Aug. 27

Chrome v92

OS: macOS Big Sur

Failed Tests:

1. Setup:

- Navigate to TicTacToe JS and start playing.
- Try to complete a full game of Tic-Tac-Toe.
 - Must return the correct winner.

Steps:

- Try and play the game of Tic-Tac-Toe.
- If won, check to see if Tic Tac JS returns the right winner.

Postconditions (After we run tests):

- Should be able to show the correct winner.

Comments:

Test Failed Aug. 27
Chrome v92
OS: macOS Big Sur

2. Setup:

- Navigate to TicTacToe JS and start playing.
- Try to complete a full game of Tic-Tac-Toe.
- The opponent/computer should be able to counter a potential winning move.

Steps:

- Try and play the game of Tic-Tac-Toe.
- Check to see if the opponent counters with a smart/counter move.

Postconditions (After we run tests):

- Should be able to counter the user's potential to win on the next move.

Comments:

Test Failed Aug. 27
Chrome v92
OS: macOS Big Sur

3. Setup:

- Navigate to TicTacToe JS and start playing.
- Try to complete a full game of Tic-Tac-Toe.
- The font of all X's and O's should be the same.

Steps:

- Try and play the game of Tic-Tac-Toe.
- Complete the game without any font errors.

Postconditions (After we run tests):

- Should have the same font size for each X and O.

Comments:

Test Failed Aug. 27
Chrome v92
OS: macOS Big Sur

Bug Report:

1. The user who won the game of tic-tac-toe is not stated correctly.

Steps to reproduce:

- Navigate to Tic Tac JS
- Finish the game of Tic-Tac-Toe

Expected Result:

- Winner should be stated correctly.

Actual Result:

- Winner is not stated correctly.

Environment:

Chrome v92
OS: macOS Big Sur

X lost

O	O	X
	X	
X		

2. The opponent should be able to counter a potential winning move for a longer game.

Steps to reproduce:

- Navigate to Tic Tac JS
- Finish the game of Tic-Tac-Toe

Expected Result:

- A longer game should be played.

Actual Result:

- The game is quite easy and fairly predictable.

Environment:

Chrome v92

OS: macOS Big Sur

Tic Tac JS

O	O	X
	X	

3. The font of X's and O's are not consistent.

Steps to reproduce:

- Navigate to Tic Tac JS
- Finish the game of Tic-Tac-Toe

Expected Result:

- Fonts should all be the same.

Actual Result:

- O is a lowercase letter.

Environment:

Chrome v92

OS: macOS Big Sur

Tic Tac JS

O	X	O
o		X
	X	

