

Tic Tac Toe Test Plan:

STEPS:

- Start Server on 4000
- Navigate to Page
- Click Start to begin game
- Game 1 attempt victory with diagonal top to bottom strategy
- Game 2 attempt victory with vertical right side strategy
- Game 3 attempt victory with diagonal bottom to top strategy
- Game 4 attempt victory with vertical middle strategy
- Game 5 attempt to randomly see which squares the "O" picks

TEST POSTCONDITIONS:

- Each strategy has 50/50 chance of winning
- Upon Victory a victory message appears
- Upon Defeat a Lost message appears
- Upon a Tie, message appears

BUG REPORTS:

1: Upon Victory a Lost message appears

Steps to Reproduce:

- Start Game
- Start Top left and go diagonal.
- Upon Victory a Lost message appears

EXPECTED RESULTS:

- Victory Message appears after Victory

ACTUAL RESULTS:

- Lost Message Appears after Victory
- See Screenshot Below

X lost

X	O	O
	X	
		X

2: Upon Victory horizontal, Lost Message Appears

STEPS TO REPRODUCE:

- Start Game
- Start bottom left and go right horizontally
- After Victory Lost message appears

EXPECTED RESULTS:

- After Victory Victory Message

ACTUAL RESULTS:

- After Victory Lost message appears
- See Screenshot below

X lost

O	O	
X	X	X

3: Test Where "O" goes and only goes in four spots, not random.

STEPS TO REPRODUCE:

- Start Game
- Start top left and click random squares
- Notice "O" only goes in top two squares and then one on middle row left with a small "o"

EXPECTED RESULTS:

- O is random based on where you place X.

ACTUAL RESULTS:

- O is only top two and then switches to small o in middle row.
- Only places in three squares
- See Screenshot below

Tic Tac JS

O	O	X
o		X
X	X	