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Programming 2

Tic-Tac-Toe Test Plan

2/20/14

**Test #1 – hasThreeInRow check**

Functionality: check if board detects a three in a row

Test datum 1: Three buttons in first row are clicked for ‘X’

Expected result: “(x) wins”

Actual Result: (x) wins

Test datum 2: three buttons in second row are clicked for ‘O’

Expected result: “(o) wins”

Actual Result: (o) wins

Test datum 3: three buttons in third row are clicked for ‘O’

Expected result: “(o) wins”

Actual Result: (o) wins

Test datum 4: three buttons in first column are clicked for ‘X’

Expected result: “(x) wins”

Actual Result: (x) wins

Test datum 5: three buttons in middle column are clicked for ‘X’

Expected result: “(x) wins”

Actual Result: (x) wins

Test datum 6: three buttons in third column are clicked for ‘O’

Expected result: “(o) wins”

Actual result: (o) wins

Test datum 7: three diagonals from TL to BR are clicked for ‘X’

Expected result: “(x) wins”

Actual result: (x) wins

Test datum 8: three diagonals from TR to BL are clicked for ‘O’

Expected result “(o) wins”

Actual result: (o) wins

**Test #2 – isLegalMove**

Test datum 1: top left box clicked twice for ‘X’

Expected result: “false”

Actual result: false

Test datum 2: top left box clicked once for ‘O’ then once for ‘X’

Expected result: “false”

Actual result: false

**Test #3 – resetBoard**

Test datum 1: board filled with ‘X’

Expected result: board is cleared

Actual result: board is cleared



