

### Test Case 3

#### *Purpose:*

1. Verify that the Back to Menu option functions returns you back to the Main Menu.

#### *Requirement Traceability:*

Requirement number appears here.

#### *Setup:*

*Open the Eclipse Application.*

*Create a new Java Project for Eclipse.*

*Create a new Java Class under Project named Game, copy and paste provided code for class.*

*Create a new Java Class under Project named Main Menu, and paste provide code for class.*

*Run Main Menu class.*

Follow the directions below.

#### *Test Data:*

Action	Input	Expected Output
Launch the application		The application main GUI appears.
Select the minute box	Click the box under the minutes label. Enter 5 as a keyboard input.	The minutes box now reflects the user option.
Select the 2 Player Option to enable it.	Click the 2Players? Checkbox.	The checkbox next to the 2 Players? is now checked.
Change the 1 <sup>st</sup> Player Mark to O.	Click the drop box and navigate to the O mark and click the mark.	The drop box should now display the mark O next to the label 1 <sup>st</sup> Player on the GUI.
Start the game.	Click the START Button.	The application now displays the game GUI.
Mark O on the Game Grid.		The game GUI now displays the O mark on the leftmost

Mark X on the Game Grid.	Click on the leftmost uppermost square on the grid.	uppermost square on the game Grid.  The game GUI now displays the X mark to the right of the previously placed mark along with the previously marked squares.
Mark O on the Game Grid.	Click on the square to the right of the previously marked square.	The game GUI now displays the O mark below the previously marked O along with the previously marked squares.
Mark X on the Game Grid.	Click on the square below the previously marked O.	The game GUI now displays the X mark below the previously marked X along with the previously marked squares.
Mark O on the Game Grid.	Click on the square below the previously marked X.	The GUI now displays a pop denoting that Player O won, with two options Back to Menu, and Close along with highlighting in black the sequence of O marks that won the game.
Return to Main Menu.	Click on the square below the previously marked O.	The GUI should now display the main GUI with the options previously set before.
Close the Game.	Click on the Back to Menu option.	The GUI should now disappear.
	Click the close x button at the top right of the UI.	

### Notes:

We don't check the Columns, Rows, or Win condition, we utilize the default.