Black Box Test Plan: Battleship program

Document Author:

Date:

All mouse clicks on the GUI are represented by a [row,column] coordinate. Coordinates are zero-based.

Test Cases

Test ID	Description	Expected Results	Actual Results
testTwoCommandLineAr gs Author: Dr. Balik	% java BattleshipGUI hi there	Usage: java BattleShipGUI <seed></seed>	Usage: java BattleShipGUI <seed></seed>
testNoRoomForShip Author: Dr. Balik	% java BattleshipGUI 1 Place submarine (size=1) at [2,1] Place destroyer (size=2) at [0,7]	Message: No room: try again with destroyer	Message: No room: try again with destroyer

Test ID	Description	Expected Results	Actual Results
testHumanWin	Exit out of all previous	Human Board dots in order of	Human Board dots in order of
Author: Dr. Balik	Battleship games.	appearance	
Author. Dr. Datik	% java BattleshipGUI 1	[7,2] W	appearance [7,2] W
	Place submarine (size =1) at	[1,2] W	[1,2] W
	,	[2,4] W	
	[2,1] Place destroyer (size=2) at		[2,4] W
	,	[6,0] W	[6,0] W
	[3,4]	[4,6] W	[4,6] W
	Place cruiser (size=3) at [6,1] Press Vertical Button	[4,5] W	[4,5] W
		[0,1] W	[0,1] W
	Place battleship (size=4) at	[6,3] R	[6,3] R
	[1,7]	[4,1] W	[4,1] W
	Fire at the fall avvice	[7,5] W	[7,5] W
	Fire at the following	Camanutan Daami	Camanutan Daand
	locations:	Computer Board	Computer Board
	[1,0]	dots in order of	dots in order of
	[1,1]	appearance:	appearance:
	[0,3]	[1,0] R	[1,0] R
	[3,3]	[1,1] R	[1,1] R
	[4,3]	[0,3] R	[0,3] R
	[5,3]	[3,3] R	[3,3] R
	[6,3]	[4,3] R	[4,3] R
	[1,7]	[5,3] R	[5,3] R
	[2,7]	[6,3] R	[6,3] R
	[3,7]	[1,7] R	[1,7] R
		[2,7] R	[2,7] R
		[3,7] R	[3,7] R
		Message:	Message:
		Human Wins!	Human Wins!

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