## System Test Plan: DealGame program

**Introduction:** The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

Test ID	Description	Expected Results	Actual Results
testInitialGUI Author: Dr. Balik	Precondition: Delete highscore.txt file (if it exists)  \$ java -cp bin DealGameGUI -t  (Close window to stop execution)	GUI entitled "Deal or No Deal" and directions "Select Your Box by Clicking On It" is displayed with buttons labeled Box 1 - Box 26 and Remaining Values \$0.01, \$1.00, \$5.00,, \$500,000.00, \$750,000.00, \$1,000,000.00 High Score: \$0.00	GUI entitled "Deal or No Deal" and directions "Select Your Box by Clicking On It" is displayed with buttons labeled Box 1 - Box 26 and Remaining Values \$0.01, \$1.00, \$5.00,, \$500,000.00, \$750,000.00, \$1,000,000.00  High Score: \$0.00
testSelectUserBox Author: Dr. Balik	Precondition: Delete highscore.txt file (if it exists)  \$ java -cp bin DealGameGUI -t  Click on Box 1  (Close window to stop execution).	Box 1 is now labeled "Your Box" Directions: "6 boxes left to open this round."	Box 1 is now labeled "Your Box" Directions: "6 boxes left to open this round."

testOpen6Boxes  Author: Dr. Balik	Precondition: Delete highscore.txt file (if it exists)  \$ java -cp bin DealGameGUI -t  Click on Box 1, Box 2, Box 3, Box 4, Box 5, Box 6, Box 7  (Close window to stop execution).	Boxes 2 - 7 are now labeled \$1.00, \$5.00, \$10.00, \$25.00, \$50.00, \$75.00 and these values are crossed through in the Remaining Values list Deal or No Deal? dialog box with text "The Banker is offering you \$17, 091.25 for your box. Do you accept?"	Boxes 2 - 7 are now labeled \$1.00, \$5.00, \$10.00, \$25.00, \$50.00, \$75.00 and these values are crossed through in the Remaining Values list Deal or No Deal? dialog box with text "The Banker is offering you \$17, 091.25 for your box. Do you accept?"
testAcceptOfferInFirst Round	Precondition: Delete highscore.txt file (if it exists)	Game Over dialog box with text "You have accepted the offer of	Game Over dialog box with text "You have accepted the offer of \$8,190.83.
Author: Dr. Balik	\$ java -cp bin DealGameGUI -t	\$8,190.83. Your box contained \$5.00, so you have made a GOOD DEAL!".	Your box contained \$5.00, so you have made a GOOD DEAL!".
	Click on Box 3, Box 17, Box 15, Box 25,		New High Score! Dialog box with "You
	Box 26, Box 6, Box 9	New High Score! Dialog box with "You have set a new high	have set a new high score!!! \$8,190.83"
	Click Yes button on Deal or No Deal? dialog box.	score!!! \$8,190.83"	Program quits
	Click OK button on Game Over dialog	Program quits	Project 6 directory contains highscore.txt file with value 8190.83005 (this value
	box.	Project 6 directory contains highscore.txt file with value	may differ in the last few digits)
	Click OK button on New High Score!	8190.83005 (this value may	
	Dialog box.	differ in the last few digits)	

testKeepSameBoxLast	Precondition: Delete highscore.txt file	Game Over dialog box with text	Game Over dialog box with text "You
Round	(if it exists)	"You have stayed with your box,	have stayed with your box, and earned
, nound	(in it exists)	and earned \$0.01. The other	\$0.01. The other box contained
Author: Austin Warren	\$ java -cp bin DealGameGUI -t	box contained \$1,000,000.00.	\$1,000,000.00. You have made a BAD
/ varion / varien	Java op sin Beardamedor t	You have made a BAD DEAL!".	DEAL!".
	Click on Box 1, Box 2, Box 3, Box 4,	Tod have made a BAB BEAL!	DEAL: .
	Box 5, Box 6, Box 7	New High Score! Dialog box	   New High Score! Dialog box with "You
	BOX 3, BOX 0, BOX 7	with "You have set a new high	have set a new high score!!! \$0.01"
	Click No button on Deal or No Deal?	score!!! \$0.01"	Have set a new mgn score::: 30.01
		Score::: 50.01	Drogram quits
	dialog box.	Duo augus avvita	Program quits
		Program quits	Books of California and a state of the books of the
	Click on Box 8, Box 9, Box 10, Box 11,		Project 6 directory contains highscore.txt
	Box 12,	Project 6 directory contains	file with value 0.01 (this value may differ
		highscore.txt file with value	in the last few digits)
	Click No button on Deal or No Deal?	0.01 (this value may differ in	
	dialog box.	the last few digits)	
	Click on Box 13, Box 14, Box 15, Box		
	16,		
	Click No button on Deal or No Deal?		
	dialog box.		
	Click on Box 17, Box 18, Box 19		
	Click No button on Deal or No Deal?		
	dialog box.		
	Click on Box 20, Box 21		

Click No button on Deal or No Deal? dialog box.	
Click on Box 22	
Click No button on Deal or No Deal? dialog box.	
Click on Box 23	
Click No button on Deal or No Deal? dialog box.	
Click on Box 24	
Click No button on Deal or No Deal? dialog box.	
Click on Box 25	
Click No button on Deal or No Deal? dialog box.	
Click the Yes button on Deal or No Deal? dialog box.	
Click OK button on the Game Over dialog box.	

	Click the OK button on New High Score! Dialog box.		
testSwapBoxLastRoun d	Precondition: Delete highscore.txt file (if it exists)	Game Over dialog box with text "You have swapped boxes, and earned \$1,000,000.00. Your	Game Over dialog box with text "You have swapped boxes, and earned \$1,000,000.00. Your original box
Author: Austin Warren	\$ java -cp bin DealGameGUI -t	original box contained \$0.01. You have made a GOOD DEAL!".	contained \$0.01. You have made a GOOD DEAL!".
	Click on Box 1, Box 2, Box 3, Box 4, Box 5, Box 6, Box 7  Click No button on Deal or No Deal? dialog box.	New High Score! Dialog box with "You have set a new high score!!! \$1,000,000.00"	New High Score! Dialog box with "You have set a new high score!!! \$1,000,000.00"
	Click on Box 8, Box 9, Box 10, Box 11, Box 12,	Program quits Project 6 directory contains	Program quits  Project 6 directory contains highscore.txt
	Click No button on Deal or No Deal? dialog box.	highscore.txt file with value 1,000,000.00 (this value may differ in the last few digits)	file with value 1,000,000.00 (this value may differ in the last few digits)
	Click on Box 13, Box 14, Box 15, Box 16,		
	Click No button on Deal or No Deal? dialog box.		
	Click on Box 17, Box 18, Box 19		

Click No button on Deal or No Deal? dialog box.
Click on Box 20, Box 21
Click No button on Deal or No Deal? dialog box.
Click on Box 22
Click No button on Deal or No Deal? dialog box.
Click on Box 23
Click No button on Deal or No Deal? dialog box.
Click on Box 24
Click No button on Deal or No Deal? dialog box.
Click on Box 25
Click No button on Deal or No Deal? dialog box.
Click No button on Deal or No Deal? dialog box.

	Click OK button on the Game Over dialog box.		
testAccpetOfferSecond Round	Precondition: Delete highscore.txt file (if it exists)	Game Over dialog box with text "You have accepted the offer of \$45,556.67. Your box contained	Game Over dialog box with text "You have accepted the offer of \$45,556.67. Your box contained \$0.01, so you have
Author: Austin Warren	\$ java -cp bin DealGameGUI -t	\$0.01, so you have made a GOOD DEAL!".	made a GOOD DEAL!".
	Click on Box 1, Box 2, Box 3, Box 4, Box 5, Box 6, Box 7	New High Score! Dialog box with "You have set a new high	New High Score! Dialog box with "You have set a new high score!!! \$45,556.673"
	Click No button on Deal or No Deal? dialog box.	score!!! \$45,556.673"  Program quits	Program quits
	Click on Box 8, Box 9, Box 10, Box 11, Box 12	Project 6 directory contains highscore.txt file with value	Project 6 directory contains highscore.txt file with value 45556.66679999999 (this value may differ in the last few digits)
	Click Yes button on Deal or No Deal? dialog box.	45556.666799999999999999 (this value may differ in the last few digits)	
	Click OK button on the Game Over dialog box.		
testAcceptOfferThirdR ound	Precondition: Delete highscore.txt file (if it exists)	Game Over dialog box with text "You have accepted the offer of \$92,727.27. Your box contained	Game Over dialog box with text "You have accepted the offer of \$92,727.27. Your box contained \$0.01, so you have
Author: Austin Warren	\$ java -cp bin DealGameGUI -t	\$0.01, so you have made a GOOD DEAL!".	made a GOOD DEAL!".

	Click on Boy 1 Boy 2 Boy 4		New High Score! Dialog box with "You
	Click on Box 1, Box 2, Box 3, Box 4, Box 5, Box 6, Box 7	New High Score! Dialog box	have set a new high score!!! \$92,727.27"
	BOX 5, BOX 6, BOX 7		Have set a new high score!!! \$92,727.27
		with "You have set a new high	
	Click No button on Deal or No Deal?	score!!! \$92,727.27"	Program quits
	dialog box.		
		Program quits	Project 6 directory contains highscore.txt
	Click on Box 8, Box 9, Box 10, Box 11,		file with value 92727.273 (this value may
	Box 12	Project 6 directory contains	differ in the last few digits)
		highscore.txt file with value	
	Click No button on Deal or No Deal?	92727.273 (this value may	
	dialog box.	differ in the last few digits)	
	Click on Box 13, Box 14, Box 15, Box		
	16		
	Click Yes button on Deal or No Deal?		
	dialog box.		
	Click OK button on the Game Over		
	dialog box.		
	Precondition: Delete highscore.txt file	Game Over dialog box with text	Game Over dialog box with text "You
testAcceptLastOffer	(if it exists)	"You have accepted the offer of	have accepted the offer of \$450,000.
		\$450,000. Your box contained	Your box contained \$0.01, so you have
Author: Austin Warren	\$ java -cp bin DealGameGUI -t	\$0.01, so you have made a	made a GOOD DEAL!".
		GOOD DEAL!".	
	Click on Box 1, Box 2, Box 3, Box 4,		New High Score! Dialog box with "You
	Box 5, Box 6, Box 7	New High Score! Dialog box	have set a new high score!!! \$450,000"
		with "You have set a new high	
		score!!! \$450,000"	Program quits

Click No button on Deal or No Deal? dialog box.	Program quits	Project 6 directory contains highscore.txt file with value 450000.0045 (this value
Click on Box 8, Box 9, Box 10, Box 11, Box 12,	Project 6 directory contains highscore.txt file with value 450000.0045 (this value may	may differ in the last few digits)
Click No button on Deal or No Deal? dialog box.	differ in the last few digits)	
Click on Box 13, Box 14, Box 15, Box 16,		
Click No button on Deal or No Deal? dialog box.		
Click on Box 17, Box 18, Box 19		
Click No button on Deal or No Deal? dialog box.		
Click on Box 20, Box 21		
Click No button on Deal or No Deal? dialog box.		
Click on Box 22		
Click No button on Deal or No Deal? dialog box.		

Click on Box 23
Click No button on Deal or No Deal? dialog box.
Click on Box 24
Click No button on Deal or No Deal? dialog box.
Click on Box 25
Click Yes button on Deal or No Deal? dialog box.
Click OK button on the Game Over dialog box.