Black Box Test Plan: Video Poker program

Introduction: Each test case below assumes that the cards directory contains the card image files The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

List first 10 cards in Deck for your implementation when using a seed of 1: [s13, s2, c10, s10, c8, c11, c2, s14, d10, d7]

Test ID	Description	Expected Results	Actual Results
testInitialGUI Author: Dr. Balik	csc$ java -cp bin VideoPokerGUI 1 (Ctrl+C to stop execution)	GUI entitled "Video Poker" is displayed with 5 Heart cards (10 - Ace), (disabled) Score Hand, New Game, Quit, and 5 Red Replace buttons. Status: Press New Game to Start! Points: 100	[h10, h11, h12, h13, h14] Points: 100
testNewGame Author: Dr. Balik	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button** (Ctrl+C to stop execution)	GUI displays [s13, s2, c10, s10, c8] Points: 90	GUI displays [s13, s2, c10, s10, c8] Points: 90
testQuit Author: Dr. Balik	csc$ java -cp bin VideoPokerGUI 1 **Click on Quit button**	GUI closes	GUI closes

testScoreHandWithNo Replacements Author: Dr. Balik	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button** **Click on Score Hand button**	Status: One Pair Points: 97	Status: One Pair Points: 97
testOneReplacement Author: Dr. Balik	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button** **Click on Replace button under first card** **Click on Score Hand button**	GUI displays [c11, s2, c10, s10, c8] Status: One Pair Points: 97	GUI displays [c11, s2, c10, s10, c8] Status: One Pair Points: 97
testAllReplacement	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button** **Click on Replace button under all cards** **Click on Score Hand button**	GUI displays [c11, c2, s14, d10, d7] Status: No Pair Points: 90	GUI displays [c11, c2, s14, d10, d7] Status: No Pair Points: 90
testLoseGame	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button 11 times**	Console prints out: Game over. You lost all of your points.	Console prints out: Game over. You lost all of your points.
testLastReplacement	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button** **Click on Replace button under fifth card** **Click on Score Hand button**	GUI displays [s13, s2, c10, s10, c11] Status: One Pair Points: 97	GUI displays [s13, s2, c10, s10, c11] Status: One Pair Points: 97

testNonAdjacentReplacement	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button** **Click on Replace button under second and fourth cards** **Click on Score Hand button**	GUI displays [s13, c11, c10, c2, c8] Status: No Pair Points: 90	GUI displays [s13, c11, c10, c2, c8] Status: NoPair Points: 90
testGroupedAdjacency Replacement	csc$ java -cp bin VideoPokerGUI 1 **Click on New Game button** **Click on Replace button under first, second, fourth, and fifth cards** **Click on Score Hand button**	GUI displays [c11, c2, c10, s14, d10] Status: One Pair Points: 97	GUI displays [c11, c2, c10, s14, d10] Status: One Pair Points: 97