

Black Box Test Plan: Yahtzee Program

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Introduction: This file is going to be used to test the Yahtzee program for the test cases below

Test Files: //if use input files for current standing, can put here??

Test Cases

| Test ID | Description | Expected Results | Actual Results |
|---|---|---|----------------|
| testNoComma ndLineArgs Author: Sari Byrd | \$java -cp bin Yahtzee | Usage: java -cp bin Yahtzee filename | |
| testTwoComm andLine Args Author: Sari Byrd | \$java -cp bin Yahtzee test-files/filename.txt test-files/filename1.txt | Usage: java -cp bin Yahtzee filename | |

| | | | |
|---|---|--|--|
| <p>testNonexistentFile</p> <p>Author: Sari Byrd</p> | <p>\$java -cp bin Yahtzee test-files/no_such_file.txt</p> | <p>Unable to access input file: test-files/no_such_f ile.txt</p> | |
| <p>testForHeaderDisplayRequirement</p> <p>author: Sari Byrd</p> | <p>Check that the header is displayed when Yahtzee program starts</p> | <p>Welcome to the Yahtzee program...</p> | |
| <p>playerNumber</p> | <p>Please enter the number of</p> | <p>Invalid number of</p> | |

| | | | |
|---|--|--|--|
| <p>LessThanTwo</p> <p>author: Sari Byrd</p> <p>playerNumber BetweenTwoA ndFour</p> <p>author: Sari Byrd</p> | <p>players (2-4).</p> <p>Option: 1</p> <p>Please enter the number of players (2-4).</p> <p>Option: 3</p> | <p>players</p> <p>No error message</p> | |
| <p>playerNumber GreaterThanFo ur</p> <p>author: Sari Byrd</p> | <p>Please enter the number of players (2-4).</p> <p>Option: 5</p> | <p>Invalid number of players</p> | |
| <p>testPlayersNa mesPrompted</p> <p>author: Sari Byrd</p> | <p>Please enter the names of the players</p> | <p>Players names displayed message</p> | |
| <p>testOptionToQ uit</p> <p>author: Sari Byrd</p> | <p>\$ java -cp bin Yahtzee test-files/input.txt</p> | <p>Goodbye! Program exits</p> | |

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|---|--|------------------------------------|--|
| | <p>Menu is displayed</p> <p>Option: q</p> | | |
| <p>testInvalidOption</p> <p>author: Sari Byrd</p> | <p>\$java -cp bin Yahtzeetest-files/input.txt</p> <p>Menu is displayed</p> <p>Option: quit</p> <p>(Ctrl+C to stop execution)</p> | Invalid Option | |
| <p>testThreeRollOfDice</p> <p>author: Sari Byrd</p> | <p>Player Lucie's turn</p> <p>Enter 1 to roll dice:</p> <p>Option: 1</p> <p>Dice Values Example: 1 1 1 1 3</p> <p>Re-roll (r) or keep(k) : r</p> <p>Dice Values Example: 3 3 3 3 4</p> | Please choose a category to score: | |

| | | | |
|--|---|--------------------------------------|--|
| | Re-roll (r) or keep(k) : r Dice Values Example: 5 5 5 5 5 | | |
| testPlayersTurn author: Sari Byrd | Enter Players' Names: Lucie Sari Jessica Player: Lucie's turn | Enter 1 to roll dice: Option: | |
| testScoreDisplayAfterRound1 author: Sari Byrd | Player: Lucie's turn | Lucie's Score Sheet Displayed | |