## **Design Test Plan**

Project4\_Design\_Test\_Plan\_Schaefer\_Kristin.pdf Kristin Schaefer

Program name : Author : 05-26-2019 Date:

## Tested with both 1 game and multiple games

| Character Configurations  | Reason to Test   | Observed Outcome     |  |  |
|---|--|----------------------|--|--|
| Team 1:<br>Barbarian<br>Team 2:<br>Barbarian                                      | Test doubly-linked list functions with 1 node and test same Character type             | no observed problems |  |  |
| Team 1:<br>HarryPotter, HarryPotter<br>Team 2:<br>Vampire, Vampire                | Test doubly-linked list functions with 2 nodes and test same Character type            | no observed problems |  |  |
| Team 1:<br>BlueMen, BlueMen, BlueMen<br>Team 2:<br>Medusa, Medusa, Medusa         | Test doubly-linked list functions with 3 nodes and test same Character type            | no observed problems |  |  |
| Team 1: BlueMen, BlueMen, Blue- Men Team 2: BlueMen, BlueMen, Blue- Men           | Test doubly-linked list functions with 4 nodes and test both teams same Character type | no observed problems |  |  |
| Team 1:<br>HarryPotter, Vampire, BlueMen<br>Team 2:<br>Medusa, Barbarian, BlueMen | Test teams of mixed Character type   | no observed problems |  |  |

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File: menu.cpp
Functions to test: startMenu()

menuTeamSize() menuCharacter() playAgain()

menuPrintLoserPile()

Variables: int c

|                     | Test 1 :<br>int too high                                   | Test 2 :<br>int too low                                    | Test 3:<br>int negative                                    | Test 4 :<br>float  | Test 5 :<br>char   | Test 6 :<br>enter  | Test 7 :<br>mix  | Test 8 :<br>mix + space                                    |
|---------------------|--|--|--|--|--|--|--|--|
|                     | 100  | 0  | -100   | 123.60   | х  | ш  | fdsa;15  | 1 abc  |
| Observed<br>Outcome | print error<br>message &<br>ask user to re-<br>enter input |