**Assignment 3 Solution Template**

Fill in the information for each test that you develop for the 4 tables below. Add more rows as required to list all possible tests for each type. Do not repeat tests which have already been used to test a particular description. Use as many rows as needed to capture all of your tests. Each of the four tables may span more than one page if necessary.

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| **Representative Input Tests** | | | | | |
| **Test #** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **1** | Add a party | pizza Party  Saturday 12 pm  10 adults  10 teens  10 children | Cheese: 12” \* 1, 14” \* 2  Pepp: 12” \* 1, 14” \* 2  Saus: 12” \* 1  Veggie: 14” \* 2 | Cheese: 12” \* 1, 14” \* 2  Pepp: 12” \* 1, 14” \* 2  Saus: 12” \* 1  Veggie: 14” \* 2 | pass |
| 2 | Enter 100 for children and 0 for Adults and teens | 123  Tues 10 pm  0 Adults  0 teens  100 children | Cheese 14” 1; 18” 4  Pepp 10” 1; 18” 4  Sausage 10” 1; 18” 1  Veggie 10” 1; 18” 3  Mushroom 10” 1 | Cheese 14” 1; 18” 4  Pepp 10” 1; 18” 4  Sausage 10” 1; 18” 1  Veggie 10” 1; 18” 3  Mushroom 10” 1 | Pass |
| 3 | Add a party | Cool Party  Sunday 10 pm  100000 Adults  265000 teens  60 Children | Cheese 18" 29703  Pepperoni 10" 1; 18" 28042  Sausage 10" 1; 18" 9347  Veggie 12" 1; 18" 20395  Mushroom 14" 1; 18" 2520 | Cheese 18" 29703  Pepperoni 10" 1; 18" 28042  Sausage 10" 1; 18" 9347  Veggie 12" 1; 18" 20395  Mushroom 14" 1; 18" 2520 | Pass |

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| **Functional Coverage Tests** | | | | | |
| **Test #** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **1** | In menu, test that ‘3’ exits the program | ‘3’ | Program ends | Program Ends | Pass |
| 2 | At the end type h to return to menu | “h” | Nothing should happen | Nothing Happened | Pass |
| 3 | Enter 16 pm instead of 4 pm for the time | “16 pm” | Should get invalid input | Invalid input::: Around what time of the day | Pass |
| 4 | Enter 8 for the day of the week | “8” | Invalid Input | Enter an Interger ::: Day of the week | Pass |
| 5 | Create a new party and name the party with a name that already exist. | “Hello” | Party name has already been create | No error message, move on to the next line | Failed |

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| **Boundary Values Tests** | | | | | |
| **Test #** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **1** | Groups larger than 50 | pizza Party  Saturday 12 pm  50 adults  0 teens  0 children | Starts with 18” pizzas | Cheese: 10” \* 1, 18” \* 3  Pepp: 18” \* 3  Saus: 18” \* 1  Veggie: 18” \* 3  Mushr: 10” \* 1 | Pass |
| 2. | Enter decimal number for # of adults, teens and children | Kofi Party  Thursday 4 pm  5.6 Adults  2.8 Teens  1.2 Children | Should get error messages | Cheese 12” 1  Pepperoni 10” 1  Sausage 10” 1  Veggie 10” 1 | Failed |
| 3 | Enter a negative number for #Adults | # of Adults attending = -2 | Should get an error message | Enter an integer > 0 | Pass |

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| **Special Values Tests** | | | | | |
| **Test #** | **Test Description** | **Test Data** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| **1** | Negative values for number of Adult attendees | Adults = -1 | Invalid entry | Invalid Entry, ReEnter | Pass |
| 2 | Enter the number 8 as a selection | Enter selection = 8 | Invalid Selection | Invalid Selection::: Enter selection | Pass |
| 3 | Enter a numbers as Party Title | Party Title = 123 | Valid Party Title | Valid Party Title | Pass |