Project 2 Black Box Test Plan

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Introduction

The blackbox test plan for this program is intended to ensure that after implementation this program will fulfill all of the requirements for the program. In order to start the program right click on WolfRentalsGUI, class in eclipse and select run as java application.

Test ID	Description	Expected Results	Actual Results
Test1: CreateNewWolfRentalsDataFile Anton Nikulsin	**Preconditions:** **User started the Wolf Rentals application and the GUI displays.** Select New from the file menu. *Check results.* Close GUI	A new empty slate is displayed with no data	A new empty slate is displayed with no data
Test2: LoadDataFile Anton Nikulsin	**Preconditions:** **User started the Wolf Rentals application and the GUI displays.** Select example.md from the list of files. *Check Results.* Close GUI.	The Rental Unit application displays and the results should look exactly like Fig. 1 which you can find at the bottom of this document.	Rental Unit application displays and results look exactly like Fig. 1
Test3: AddNewClient Anton Nikulsin	**Preconditions:** **Test 1 has passed** Using the Add Client widget on the lower left part of the GUI input Anton Nikulsin for client name and an#345 for Client Id and click the Add New Client button *Check Results.*	The clients list now displays the following: Anton Nikulsin (an#345) no client is selected all the other lists remain empty.	The clients list displays the following: Anton Nikulsin (an#345) no client is selected all the other lists remain empty.
Test4: AddInvalidNewRentalUnit Anton Nikulsin	**Preconditions:** **Test 1 has passed** Using the rental unit widget under Add Rental Unit select the Conference Room radio button type in 6 for floor, 15 for room and 3 for capacity. *Check Results.*	A dialog box is displayed saying that the capacity of the rental unit is over the max allowed capacity. No new rental units are displayed.	A dialog box is displayed saying that the capacity of the rental unit is over the max allowed capacity. No new rental units are displayed.
Test5: AddNewValidRentalUnit Anton Nikulsin	**Preconditions:** **Test1 has passed** Using the rental unit widget under	The following is displayed in the Rental Units text box: Hotel Suite: 2-15 | 2	The following is displayed in the Rental Units text box: Hotel Suite: 2-

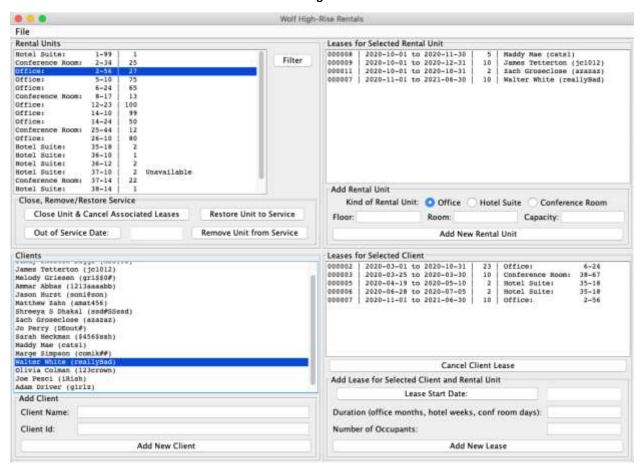|			
	Add Rental Unit select the Hotel Suite radio button type in 2 for floor, 15 for room and 2 for capacity. *Check Results.*	The other text boxes remain the same.	15 | 2 The other text boxes remain the same.
Test6: AddNewLease Anton Nikulsin	**Preconditions:** **Test5 and Test4 have passed** Select Anton Nikulsin from the client list (the only available client) and the Hotel Suite (the only available rental) from the rental units list. Then under Add New Lease for Selected Client and Rental Unit click on Lease Start Date. *Check Results.* Select March 29, 2020 as the start date from the date picker *Check Results* Type in 1 in the Duration text box and 1 in the Number of Occupants text box. *Check Results*	A date picker is displayed. The start date text box is automatically filled in to March 27, 2020. Under both Leases for selected Rental Unit and Leases for Selected Client the following text is displayed: 000000 | 2020-03-29 to 2020-04-53| 1 | Hotel Suite: 2-15	A date picker is displayed. The start date text box is automatically filled in to March 27, 2020. Under both Leases for selected Rental Unit and Leases for Selected Client the following text is displayed: 000000 | 2020-03-29 to 2020-04-53| 1 | Hotel Suite: 2-15

Required Files: example.md

```
Hotel Suite:       1-99 |    1
Conference Room:   2-34 |   25
Office:            2-56 |   27
Office:            5-10 |   75
Office:            6-24 |   65
Conference Room:   8-17 |   13
Office:           12-23 |  100
Office:           14-10 |   99
Office:           14-24 |   50
Conference Room:  25-44 |   12
Office:           26-10 |   80
Hotel Suite:      35-18 |    2
Hotel Suite:      36-10 |    1
Hotel Suite:      36-12 |    2
Hotel Suite:      37-10 |    2   Unavailable
Conference Room:  37-14 |   22
Hotel Suite:      38-14 |    1
Conference Room:  38-67 |   20
Conference Room:  40-18 |   20

#Amanda Smith (a12#smL)
   000004 | 2020-05-30 to 2020-06-03 |   4 | Conference Room: 38-67
#Sandy Shelton Biggs (hb2$32)
#James Tetterton (jc1012)
```

```
     000009 | 2020-10-01 to 2020-12-31 |  10 | Office:                2-56
#Melody Griesen (gri$$0#)
#Ammar Abbas (1213aaaabb)
#Jason Hurst (soni@son)
#Matthew Zahn (amat456)
#Shreeya S Dhakal (ssd#SSssd)
#Zach Groseclose (azazaz)
     000011 | 2020-10-01 to 2020-10-31 |   2 | Office:                2-56
     000012 | 2020-09-17 to 2020-09-23 |  15 | Conference Room:  37-14
#Jo Perry (DEout#)
#Sarah Heckman ($456$ssh)
#Maddy Mae (cats1
     000000 | 2020-03-15 to 2020-04-19 |   1 | Hotel Suite:          36-10
     000001 | 2020-04-01 to 2020-05-31 |  37 | Office:                6-24
     000008 | 2020-10-01 to 2020-11-30 |   5 | Office:                2-56
#Marge Simpson (comik##)
#Walter White (reallyBad)
     000002 | 2020-03-01 to 2020-10-31 |  23 | Office:                6-24
     000003 | 2020-03-25 to 2020-03-30 |  10 | Conference Room:  38-67
     000005 | 2020-04-19 to 2020-05-10 |   2 | Hotel Suite:          35-18
     000006 | 2020-06-28 to 2020-07-05 |   2 | Hotel Suite:          35-18
     000007 | 2020-11-01 to 2021-06-30 |  10 | Office:                2-56
#Olivia Colman (123crown)
#Joe Pesci (iRish)
#Adam Driver (g1rlz)
#Suranne Jones (###$$)
```

Fig. 1

Document Revision History

Date	Author	Change Description
3/27/2020	Anton Nikulsin	• Wrote the initial BlackBox Test Plan
4/17/2020	Anton Nikulsin	• Edited Test6 which did not match requirements due to the test asking to reserve a hotel suite on a Tuesday instead of a Sunday. Fixed theses errors. • Ran Blackbox tests and recorded results.