**WolfHighRiseRentals Black Box Test Plan**

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**Date: 3/27/2020**

**Introduction**

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| 1. TestLoadExi stingFile (Jacob   Robinson | **Preconditions: The program is running**    -When the program runs and the  file chooser opens, select  test.md  -The main GUI should load, and the Rental Units and Clients fields will be populated  -Check results | -The first unit in the  Rental Units box is  Hotel Suite: 1-99 1    -The first client in the  Clients box is Amanda  Smith a12#smL    -When conference room 38-67 is  selected in the list, Amanda Smith and Walter White are shown in the Leases for Selected Rental  Unit box    -When Amanda Smith  is selected in the list, conference room 38-67 is shown in the  Leases for Selected  Client box | Error opening file  Unit List appears if new unit is added  Client list does not display correctly  Righthand panels do not display anything |

The Wolf High Rise Rentals program is a manager for leasing of units in a building to clients. The black box test plan describes tests for various scenarios for the use cases of the program. Some files are used to test this program, described in the required files section.

The program is started by running the RentalGUI class. Instructions for accessing the program are included in the tests.

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| 1. TestFilterUn itsByType (Jacob   Robinson) | **Precondtions:**  **TestLoadExistingFile has passed**    -Click filter next to the Rental  Units box  -Select conference room and  click Ok -Check results | -The following rental units are shown  Conference Room  2-34  Conference Room  8-17  Conference Room  25-44  Conference Room  37-14  Conference Room  38-67  Conference Room  40-18 | The list does not change |
| 1. TestAddNe wClient (Jacob   Robinson) | **Preconditons:**  **TestLoadExistingFile has passed**    -Click add client  -Enter Jacob Robinson as the name and jrobins6 as the id, click ok  -Check results | -A new client has appeared in the list  Jacob Robinson  Jrobins6  -The new client has no leases when selected | A new client appears with incorrect data |
| 1. TestAddNe wUnit   (Jacob  Robinson) | **Preconditons:**  **TestLoadExistingFile has passed**    -Click Add Rental Unit  -Select Hotel Suite, Enter Floor 10,  Room 10, Capacity 1, and click  Add New Rental Unit  -Check results | -A new unit has appeared in the list Hotel Suite: 10-10 | 1 -The new unit has no leases when selected | Expected |
| 1. TestAddNe wLease | **Precondtions:**  **TestAddNewClient and**  **TestAddNewUnit have passed**    -Select Jacob Robinson  -Select Hotel Suite 1-1 -Click Lease Start Date, and select 4/19/2020 as the start -Enter 1 week as the duration  -Click add new lease  -Check results | -A new lease has appeared for Hotel Suite 1-1 and Jacob  Robinson  -The lease is the same in both (besides the client and unit info) -Lease confirmation number is 000013 -2020/27/3 to 2020/4/3 is the duration  -1 is the occupants | Unspecified Error |
| 1. SaveFile | Preconditions: All other tests ran  -Select save  Save as test-files/output.md | -Same as sample.md with new client, unit, and lease | Units are written correctly  Only two clients are listed in improper fashion  No leases are written |

Required Files:

-Test.md: provided by the teaching staff in the requirements page. Contains a premade list of clients, units, and leases.

**Document Revision History**

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| **Date** | **Author** | **Change Description** |
| **3/27/2020** | Jacob Robinson | Added 5 black box tests |
| **4/19/2020** | Jacob Robinson | Finished tests and tested |