RentalManager Black Box Test Plan

Document Author(s): Alex Raum, Walker Clem

Date: 4.17.2020

Introduction

The purpose of this test plan is to check some of the key functionality of the RentalManager by going through several of the Use Cases. This includes manually adding a Client, RentalUnit, and Lease to the system. In order to run the tests, the user first starts the program by:

1. Opening Eclipse
2. Expanding Project2 in the Project Explorer.
3. Right clicking the RentalManagerGUI.java file.
4. Selecting "Run As > Java Application".

Test ID	Description	Expected Results	Actual Results
Test1: Invalid File (Alex Raum, Walker Clem)	**Preconditions:** None Run RentalManagerGUI by right clicking on the RentalManagerGUI.java file and selecting: Run As > Java Application Click **File**/Select **Load** In the FileChooser dialog select: test-files In the "Files of Type:" dialog box select "All Files" Select "rental_data.txt" and click **Open** *Check results* Close GUI	RentalManagerGUI loads A dialog box opens displaying the message, "Error opening file."	RentalManagerGUI loads A dialog box opens displaying the message, "Error opening file."
Test2: Quit the Program (Alex Raum, Walker Clem)	**Preconditions:** Test 1 has passed Run RentalManagerGUI by right clicking on the RentalManagerGUI.java file and selecting: Run As > Java Application Click **File** Click **Quit** *Check results* Close GUI	No file is opened and the program closes	No file is opened and the program closes

Test3: Add New Client (Alex Raum, Walker Clem)	**Preconditions:** Test 1 has passed Type *Jimmy Page* in the **Client Name** field and *Zoso44* in the **Client Id** field Click **Add New Client** *Check results* Close GUI	Jimmy Page (Zoso44) appears in the Clients list.	Jimmy Page (Zoso44) appears in the Clients list.
Test4: Add New Rental Unit (Alex Raum, Walker Clem)	**Preconditions:** Test 1 has passed Select the **Conference Room** radio button Type 3 in the **floor** field Type 11 in the **room** field Type 5 in the **capacity** field Click **Add New Rental Unit** *Check results* Close GUI	Conference Room: 3 – 11 | 5 appears in the Rental Units list.	Conference Room: 3 – 11 | 5 appears in the Rental Units list.
Test5: Add New Lease (Alex Raum, Walker Clem)	**Preconditions:** Tests 3-4 have passed Select **Jimmy Page (Zoso44)** from the Clients display and **Conference Room: 3 – 11| 5** from the Rental Units display Select 2020-10-31 using the date picker Type 7 in the **duration** field Type 3 in the **occupants** field Click **Add New Lease** Click **Jimmy Page (Zoso44)** in the Clients display *Check results* Close GUI	000000 | 2020-10-31 to 2020-11-7 | 3 | Conference Room: 3 – 11 appears in the Leases for Selected Client display	000000 | 2020-10-31 to 2020-11-7 | 3 | Conference Room: 3 – 11 appears in the Leases for Selected Client display

Document Revision History

Date	Author	Change Description
		•