BLACK BOX TEST PLAN

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Test Files to be used for this BBTP are included in the input directory of the project. In order to correctly access them in eclipse I had to type "input/<file>" for example "input/sample" leaving the file extensions off: **<sample.txt>** and <**sample-input.txt>** There are also other files in the directory, but they are not necessary for the black box tests.

Test ID	Description	Expected Results	Actual Results
testFileLoad	Prerequisites: 1. The program opens/starts correctly. 2. There is at least 1 of each of the appropriate files to load. Steps: 1. Start the program. 2. Enter the file paths for the employee information file first, then the resume information second. 3. User selects/indicates to load the files: Employee.txt and Resume.txt	There should be no output if both files load correctly. If either file fails, then the user will be re-prompted.	**Both files load correctly.**
testOperationalProfile	Prerequisites: 1. The program opens/starts correctly. 2. Each of the input files load correctly, and without error. Steps: 1. User indicates to generate an operational profile.	The output of the profile should resemble this, depending upon the input file: OrganizationalProfile[Sarah Jones John Smith Jane Doe Suzanne Meadows Thomas Webb]	**The profile is printed correctly**

testRemoveEmployee	Prerequisites:
	1. The program opens/starts correctly.
	2. Each of the input files load correctly, and without error.
	Steps:
	1. User indicates to remove a selected employee (in this case, select at random.)
	2. Then generate an operational profile.
		The tree should automatically adjust itself to reflect the change, based on the current hierarchy and resume information.
		The tree should now look like the following:
		
		John, Smith, R255055055
		{
		Jane, Doe, R255667887
		{
		Suzanne, Meadows, R567765492
		}
		Thomas, Webb, R654678987
		}
			The employee is removed, and the replacement is correct.

~~**testQueryEmployees**~~	~~Prerequisites:~~ ~~1. The program opens/starts correctly.~~ ~~2. Each of the input files load correctly, and without error.~~ ~~Steps:~~ ~~1. User indicates to query the employees.~~ ~~2. Enter the names, then select to query in the following order:~~ ~~a. Sarah Jones~~ ~~b. John Smith~~ ~~c. Jane Doe~~ ~~d. Suzanne Meadows~~ ~~e. Thomas Webb~~	~~The employee queries should print the following after each name entry:~~ ~~Sarah Jones leads a department/unit that contains 4 employees.~~ ~~John Smith leads a department/unit that contains 1 employee.~~ ~~Jane Doe leads a department/unit that contains 2 employees.~~ ~~Suzanne Meadows leads a department/unit that contains 2 employees.~~ ~~Thomas Webb leads a department/unit that contains 1 employees.~~	**Test Omitted**

testExit	Prerequisites: 1. The program opens/starts. Steps: 1. Start the program. 2. (Optional) Do other stuff in the program. 3. Attempt to quit the program.	The program should exit without issue.	**The program exits successfully.**