

HUMAN RESOURCES MANAGER PROPOSAL

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2/20/2018

BLACK BOX TEST PLAN

For my black-box test cases, I will use the following test files named:

employee.txt

```
Sarah, Jones, R200581294
(
  John, Smith, R000634703
  Jane, Doe, R040123346
  (
    Thomas, Webb, R829476581
    (
      Jessica, Daniels, R228401745
      Kyle, DeMarcino, R123582991
    )
  )
  Suzanne, Meadows, R891429182
)
```

resume.txt

RESUME_ID	YEARS_OF_SERVICE	HIGHEST_DEGREE
R228401745,	1,	M
R123582991,	1,	B
R040123346,	18,	B
R891429182,	9,	P
R200581294,	7,	N
R000634703,	4,	M
R829476581,	8,	A

aEmployee.txt

Sarah, Jones, R200581294

aResume.txt

RESUME_ID	YEARS_OF_SERVICE	HIGHEST_DEGREE
R200581294,	7,	N

To start the program, run humanResourceManagerGUI.java.

Test ID	Description	Expected	Actual
testLoadFile (ECP – loading file)	Preconditions: <ul style="list-style-type: none"> humanResourceManagerGUI has been loaded successfully. The file employee.txt exists Steps: <ol style="list-style-type: none"> Click “Load from file” Browse to select the employee.txt file Click submit 	The employee file loads and displays employee: <ul style="list-style-type: none"> Sarah, Jones John, Smith Jane, Doe Thomas, Webb Kyle, DeMarcino Suzanne, Meadows 	The employee file loads
testLoadFile (ECP – loading file)	Preconditions: <ul style="list-style-type: none"> humanResourceManagerGUI has been loaded successfully. The file resume.txt exists Steps: <ol style="list-style-type: none"> Click “Load from file” Browse to select the resume.txt file Click submit 	The resume file loads and displays resume: R228401745, 1, M R123582991, 1, B R040123346, 18, B R891429182, 9, P R200581294, 7, N R000634703, 4, M R829476581, 8, A	The resume does not file load
testNotExistFile (DT-loading a not existing file)	Preconditions: <ul style="list-style-type: none"> humanResourceManagerGUI has been loaded successfully. The file none.txt doesn’t exist Steps: <ol style="list-style-type: none"> Click “Load from file” Browse to select the none.txt file Click submit 	The software prompts the user to specify a new file.	The software prompts the user to specify a new file.
testGenerateProfile (ECP – output specific information)	Preconditions: <ul style="list-style-type: none"> humanResourceManagerGUI has been loaded successfully. The files employee.txt have been uploaded The files resume.txt have been uploaded Steps: <ol style="list-style-type: none"> Click “Generate Organizational Profile” 	The program would output: Organizational Profile OrganizationalProfile[Sarah Jones John Smith Jane Doe Suzanne Meadows Thomas Webb Jessica Daniels Kyle DeMarcino]	The program would output: Organizational Profile OrganizationalProfile[Sarah Jones John Smith Jane Doe Suzanne Meadows Thomas Webb Jessica Daniels Kyle DeMarcino]

testRemoveEmployee (ECP – remove an item from list)	Preconditions: · humanResourceManagerGUI has been loaded successfully. · The files employee.txt have been uploaded · The files resume.txt have been uploaded Steps: 1. Click “remove an Employee”	The program would output: “remove successfully”	Does not work
testQueryEmployee (ECP – produce user report)	Preconditions: · humanResourceManagerGUI has been loaded successfully. · The files employee.txt have been uploaded · The files resume.txt have been uploaded Steps: 1. Click “query employees” 2. Input “Thomas Webb”	The program would output: Thomas Webb leads a department/unit that contains 3 employees.	Does not work
testMinimumActivity (BVA - loading the file with minimum object)	Preconditions: · humanResourceManagerGUI has been loaded successfully. Steps: 1. Click “Load from file” 2. Browse to select the aEmployee.txt file 3. Browse to select the aResume.txt file 4. Click submit	files are successful loaded	files are successful loaded