WolfHire Project System Test Plan

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Introduction

There are five system tests that are used to validate our WolfHire program and the fact that it works properly.
To run the program:
1) Right click on WolfHireGUI class
2) Select Run As > Java Application

The File Chooser for the GUI will load. You will then double click on test-files.

Test Files

single_position.txt
```
# CSC 216 PTF,12,15
* 2,Submitted,Carol,Schmidt,cschmid,,
* 3,Rejected,Kathleen,Gillespie,kgilles,,Incomplete
* 4,Hired,Fiona,Rosario,frosari,sesmith5,
* 7,Inactive,Deanna,Sanders,dsander,sesmith5,Completed
* 8,Interviewing,Benjamin,Nieves,bmnieves,sesmith5,
* 11,Processing,Quemby,Mullen,qmullen,sesmith5,
```

Multiple_positions.txt
```
# CSC 116 Grader,10,11
* 1,Reviewing,Cailin,Roach,cvroach,tnmacnei
* 2,Rejected,Clinton,Armstrong,carmstr,,Qualifications
* 5,Hired,Craig,Armstrong,carmstr,tnmacnei,
* 7,Inactive,Audrey,Kemp,akemp,tnmacnei,Fired
* 25,Interviewing,Harper,Holden,hholden,tnmacnei,
```

```
* 3,Processing,Eagan,Cardenas,ecarden,tnmacnei
* 4,Processing,Ferdinand,Acevedo,faceved,tnmacnei
* 5,Inactive,Alika,Reilly,areilly,tnmacnei,Resigned
# CSC 216 PTF,12,15
* 2,Submitted,Carol,Schmidt,cschmid,,
* 3,Rejected,Kathleen,Gillespie,kgilles,,Incomplete
* 4,Hired,Fiona,Rosario,frosari,sesmith5,
* 7,Inactive,Deanna,Sanders,dsander,sesmith5,Completed
* 8,Interviewing,Benjamin,Nieves,bmnieves,sesmith5,
* 11,Processing,Quemby,Mullen,qmullen,sesmith5,
# CSC 226 Grader,8,15
* 4,Submitted,Myra,Atkins,mlatkins,jdyoung2,
* 5,Hired,Karen,Mcguire,kamcguir,jdyoung2,
* 7,Interviewing,Dean,Wilder,dwilder,jdyoung2,
* 8,Inactive,Nehru,Contreras,ncontre,jdyoung2,Completed
# Research Assistant,15,16
* 7,Reviewing,Kerry,Tucker,kbtucker,tmbarnes,
* 3,Submitted,Inez,Koch,ikoch,,
```

System Tests

Write at least 5 tests. We will grade the first five. Your tests should consider more complex scenarios than basic system startup and an invalid test file.

Test ID	Description	Expected Results	Actual Results
Test 1: Create new position	Preconditions: None 1. Run WolfHireGUI 2. Select "Add Position" from the file menu 3. Enter the following data: "CSC 216 PTF", 12, 15 4. Click "Add Position"	The position "CSC 216 PTF" is created and displayed as the active position with an empty list of applications.	The position "CSC 216 PTF" is created and displayed as the active position with an empty list of applications.
Test 2: Load positions and applications from file	Preconditions: None 1. Run WolfHireGUI 2. Select "Load Positions" from the file menu 3. Choose the path "test-files" 4. Choose the file "positions1.txt" 5. Click "Open"	Active Position is set to "CSC 216 PTF". The following applications are listed for the active position: "2, Submitted, cshmid, " "3, Rejected, kgilles, " "4, Hired, frosari, sesmith5" "7, Inactive, dsander, sesmith5" "8, Interviewing, bmnieves, sesmith5" "11, Processing, qmullen, sesmith5"	Active Position is set to "CSC 216 PTF". The following applications are listed for the active position: "2, Submitted, cshmid, " "3, Rejected, kgilles, " "4, Hired, frosari, sesmith5" "7, Inactive, dsander, sesmith5" "8, Interviewing, bmnieves, sesmith5" "11, Processing, qmullen, sesmith5"
Test 3: Add new application	Preconditions: Test 1 passes 1. Run WolfHireGUI 2. Load "CSC 216 PTF" from the positions drop down 3. Click "Add Application" 4. Enter the following data:	The active position "CSC 216 PTF" is has one application under it: "1, Submitted, jdoe, "	The active position "CSC 216 PTF" is has one application under it: "1, Submitted, jdoe, "

	"John", "Doe", "jdoe" 5. Click "Apply"		
Test 4: Edit Application	Preconditions: Tests 1 and 3 pass 1. Run WolfHireGUI 2. Load "CSC 216 PTF" as the position 3. Select the only application (jdoe), and click "Edit Application" 4. Enter a reviewer ID ("jpeakes") and "Assign"	The active position "CSC 216 PTF" is has one application under it: "1, Reviewing, jdoe, jpeakes"	The active position "CSC 216 PTF" is has one application under it: "1, Reviewing, jdoe, jpeakes"
Test 5: Delete Applictatoin	Preconditions: Tests 1, 3, and 4 pass 1. Run WolfHireGUI 2. Load "CSC 216 PTF" as the position 3. Select the only application (jdoe), and click "Delete Application"	The position "CSC 216 PTF" is displayed as the active position with no applications under it	The position "CSC 216 PTF" is displayed as the active position with no applications under it