Project 1 System Test Plan

Document Author: Jason Wang
Date:

Introduction
Run the Project1 GUI to open the code

Test Files
Prove the contents of any test files that are needed for testing.
Positions1.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,
```

Position2.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 Load Multiple Positions and Applications	1. Start WolfHire 2. Check that WolfHire starts with empty screen. 3. User selects file and chooses position2.txt 4. Check positions 5. Check applications 6. Check results 7. Exit	CSC 116 Grader is loaded as the active position 3 additional Positions can be chosen - CSC 216 PTF - CSC 226 Grader - Research Assistant When choosing a different position, the applications change to associated ones with the position.	CSC 116 Grader is loaded as the active position 3 additional Positions can be chosen - CSC 216 PTF - CSC 226 Grader - Research Assistant When choosing a different position, the applications change to associated ones with the position.
Test 2 Filter Applications By State	1. Start WolfHire 2. Check that WolfHire starts with empty screen. 3. User selects file and chooses position2.txt 4. Check positions	CSC 116 Grader is loaded as the active position 3 additional Positions can be chosen - CSC 216 PTF - CSC 226 Grader	CSC 116 Grader is loaded as the active position 3 additional Positions can be chosen - CSC 216 PTF - CSC 226 Grader

	5. Check applications 6. Filter by submitted 7. Check results 8. Filter by other states 9. Check results	- Research Assistant When choosing a different position, the applications change to associated ones with the position. When choosing new states the associated state name matches the applications shown.	- Research Assistant When choosing a different position, the applications change to associated ones with the position. When choosing to filter states the applications change to filter incorrect applications
Test 3 Select Change Active Position	1. Start WolfHire 2. Check that WolfHire starts with empty screen. 3. User selects file and chooses position2.txt 4. Check positions 5. Select Research Assistant 6. Check results	When selecting Research Assistant the active position changes and is loaded properly	When selecting Research Assistant the active position changes and is loaded properly
Test 4 Creation and deletion of application	1. Start WolfHire 2. Check that WolfHire starts with empty screen. 3. Add a position ("Tester, 10, 15) 4. Add position 5. Add application ("Jason" "Wang" "jwang" 6. Check results 7. Select the newly created application 8. Delete Application 9. Check Results	Wolfhire starts and a position is added successfully into the active position area. Create application successfully and is listed in the application list. Delete application successfully removes the application and no applications are displayed.	Wolfhire starts and a position is added successfully into the active position area. Create application successfully and is listed in the application list. Delete application successfully removes the application and no applications are displayed.

Test 5 Test submitted State assign	1. Start WolfHire 2. Check that WolfHire starts with empty screen. 3. User selects file and chooses position1.txt 4. Check positions 5. Select application ID2 6. Edit application 7. Choose reject Qualifications 8. Check results	Opens and loads file properly, Application is successfully edited and the new state displayed is "Rejected"	Opens and loads file properly, Application is successfully edited and the new state displayed is "Rejected"
Test 6 Check inactive state	1. Start WolfHire 2. Check that WolfHire starts with empty screen. 3. User selects file and chooses position1.txt 4. Check positions 5. Select application ID7 6. Edit application 7. Check results	Opens and loads the file properly All fields in the edit applications are unable to be edited and can only cancel.	Opens and loads the file properly All fields in the edit applications are unable to be edited and can only cancel.
Test 7 save position and applicatons	1. Start WolfHire 2. Check that WolfHire starts with empty screen. 3. User selects file and chooses position1.txt 4. Check positions 5. Delete first two applications 6. Save application as testPostions.txt 7. Load testPositions.txt 8. Check results	Opens and loads the file properly Delete application successfully removes the two applications. Save file successfully creates the new position text file. Load testPosition shows the same as current on screen applications and position.	Opens and loads the file properly Delete application successfully removes the two applications. Save file successfully creates the new position text file. Load testPosition shows the same as current on screen applications and position.