# WolfHire System Test Plan

Document Author: Samuel McConnell

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## Introduction

The System Test Plan provides test cases that exercise several paths through the WolfHire requirements, with a focus on checking for conflicts between activities

To run the tests:

1. Right click on WolfHireGUI class in the Package Explorer
2. Select Run As > Java Application

## Test Files

Valid\_records.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 Position  (UC1) | Preconditions: None   1. Run WolfHireGUI 2. Select the create a new position from the menu. 3. Enter the following information in the fields.   Position Name: CSC 216 TA  Hours per Week: 10  Pay Rate: 20   1. Click Add Position 2. Check results | CSC 216 TA is listed as the position name under active position and the list of applications are empty. | CSC 216 TA is listed as the position name and the application list is empty. |
| Test 2: Add an application.  (UC7) | Preconditions: Test 1 has passed   1. Run WolfHireGUI 2. Click the Add new Application button 3. Enter the following information in the fields.   First Name: Samuel  Surname: McConnell  Unity Id: semcconn   1. Click the Apply to Position Button 2. Check results | CSC 216 TA is listed as the position name under active position and the list of applications contain the applicant that was just added with an id that is one greater than the largest id position so far. | CSC 216 TA is still listed as the position name and now the application list contains the added application in submitted state along with its id being 1. |
| Test 3: Edit Application in Submitted State  (UC11) | Preconditions: Test 2 has passed   1. Run WolfHireGUI 2. Click the Applicant with the Unity Id of semcconn 3. Click the Edit Application button 4. Enter drpaquet as the reviewer Id 5. Click the Assign button 6. Check results | The user is return to the wolfhire list. The applicant with the unity id of semcconn is now in the reviewer state. | The application in the application list is now is the Reviewing state and has drpaquet as its reviewer id. |
| Test 4: Edit Application in the Reviewing State  (UC13) | Preconditions: Test 3 has passed   1. Run WolfHireGUI 2. Click the Applicant with the Unity Id of semcconn 3. Click the Edit Application button 4. Click the Schedule button 5. Check results | The user is return to the wolfhire list. The applicant with the unity id of semcconn is now in the interviewing state. | The application is now in the interviewing state and the reviewing id is still drpaquet. |
| Test 5: Edit Application in the Interviewing State  (UC14) | Preconditions: Test 4 has passed   1. Run WolfHireGUI 2. Click the Applicant with the Unity Id of semcconn 3. Click the Edit Application button 4. Click the Process button 5. Check results | The user is return to the wolfhire list. The applicant with the unity id of semcconn is now in the processing state. | The application is now in the processing state and drpaquet is still the reviewer id. |