**ServiceWolf System Test Plan**

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**Introduction**

## ServiceWolf System Test Plan Execution Information

To run the tests:

Right click on wolfServiceGUI class in the Package Explorer.

Select Run As > Java Application

The FileChooser for the service Group will load automatically.

All tests files are located in the test-files/ folder and the contents of the files used in testing are below:

### **Valid Records**

An example valid file would be:

# CSC IT

\* 2,Canceled,Piazza,sesmith5,0,Unowned,Not an Incident

- Set up piazza for Spring 2021

- Canceled; not an NC State IT service

\* 3,New,Moodle down,sesmith5,0,Unowned,No Status

- When I go to wolfware.ncsu.edu, I get a 500 error

\* 4,Resolved,Set up Jenkins VMs,sesmith5,1,cgurley,Permanently Solved

- Please set up Jenkins VMs for Spring 2021 semester.

- Assigned to C. Gurley

- Set up test VM. Awaiting verification from caller.

- VM works great, please deploy the rest.

- VMs deployed. Marked resolved.

- One of the VMs has the wrong version of Checkstyle installed.

- Updated version of Checkstyle.

\* 9,In Progress,Jenkins behind firewall,sesmith5,0,cgurley,No Status

- Jenkins requires VPN to access. Please open to general access.

- Assigned to C. Gurley

# ITECS

\* 7,On Hold,Java not installed correctly,zmgrosec,0,itecs1,Awaiting Caller

- I can't install Java on my computer.

- Assigned to itecs1

- Awaiting caller's feedback on attempting to install Java from Oracle

# OIT

\* 1,In Progress,Forgot password,jctetter,0,oit\_staff,No Status

- I forgot my password and can't log into NC State accounts

- OIT staff member on call with support

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 1:  Valid File  (UC-1) | **Preconditions:**  Preconditions: None  1.Run WolfServiceGUI.  In the file chooser choose the test files folder then incidents1.txt “test-files/incidents1.txt”  Click **Select**  *Choose an CSC IT)*  *5. click select*    *6. check results*  7. Close GUI | Expected results   |  |  |  |  | | --- | --- | --- | --- | | ID | State | Title | Status | | 2 | Canceled | Piazza | Not a incident | | 3 | new | Moodle down | No Status | | 4 | rESOLVED | SETUP JENKINS | Permanently Solved | | 9 | In progress | Jenkins behind fire | No Status | | The files as expected in the expected result. All order is maintained as regards to the id’s . |
| Test 2:  Clear System State(UC-3) | Preconditions: Test 1 must pass  Go to the file option menu  Click Clear State System  Check results  Close Gui | Expected Results:  The System removes all incidents and Removes all Service groups. | All serviceGroups were removed and the system was slate clean |
| Test 3:  Add Service groups)  UC-4 | Preconsition. Test 2 must have passed  1.Click on the Add Service Group  2. Enter an empty value of group name  3. Click add service  4. Check results  5.Close GUI | Expected Result  A pop dialog stating ““Invalid service group name.” come up | When trying to ass a service groups with an empty service group name a pop up dioalog comes up as stated in the expected results |
| Test 4:  Remove an Incident  UC-10 | Precondition: Test 1 must have passed  1.Make sure no incident is selected  2.Click on Remove Incident button  3.check results  4. Close GUI | Expected Result  A pop dialog stating ““No incident selected.” comes up.  Expected results   |  |  |  |  | | --- | --- | --- | --- | | ID | State | Title | Status | | 2 | Canceled | Piazza | Not a incident | | 3 | new | Moodle down | No Status | | 4 | Resloved | SETUP JENKINS | Permanently Solved | | 9 | In progress | Jenkins behind fire | No Status | | When trying to remove an incident with out selecting one a pop up message comes up saying “‘No incident selected.” as expected in the expected result. |
| Test 5:  Remove a service group  UC-6 | Precondition: Test 1 must have passed  1.Make sure no incident is selected  2.Click on the 1st service group from the drop down menu  3.click Removes button | The reaming service groups are   * ITECS * OIT | After removing the serviceGroup “CSC IT “ only the two service groups indicated on the expected results are left. |

**Document Revision History**

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| **Date** | **Author** | **Change Description** |
| 02/26/2021 | Meles Meles | Intial and Final draft, 5 black box system Test written |
| 03/18/2021 | Meles Meles | have completed the Black box system test |