

Project 2 System Test Plan

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Introduction

To run the tests

1. Right click on the WolfTicketGUI in the package explorer
2. Select run as > Java Application

The File menu will be displayed with the options to create a group, load a group, or save a group.

Test Files

valid_group.txt

```
! CSC IT
# Web,5
* Dr. McLeod website pages won't update.,cmaldon,active
I recently uploaded new versions of pages on my website, but the changes don't show up when I go to the URL.
# Classroom Tech,10
* EBII 1025 Laptop display won't work,cmaldon,active
The projector will not show my laptop's display in EBII 1025. Using the podium computer works fine. My laptop shows the extra display, but I only see a black screen on the classroom screen.
* EBII 1010 Podium monitor won't turn on.,ybarton,active
The monitor for the podium computer in EBII won't turn on.
* EBII 1025 Replace lights,klott
Lighting panel 5 in EBII 1025 will need to be replaced soon.
* LMP 200 update Firefox
The computers in LMP 200 will need Firefox to be updated over the summer.
# Desktop,17
* Dr. McLeod's computer won't charge.,mcolon,active
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The laptop provided to me won't charge when I plug in the charger. The charger works for other laptops though.

* Microphone not detected through docking station.,klott,active

My provided laptop won't detect my microphone when the mic is plugged into the docking station. It works well when I plug it directly into the laptop though.

group_removed.txt

! CSC IT

Web,5

* Dr. McLeod website pages won't update.,cmaldon,active

I recently uploaded new versions of pages on my website, but the changes don't show up when I go to the URL.

Classroom Tech,10

* EBIII 1025 Laptop,cmaldon

The projector will not show my laptop's display in EBII 1025. Using the podium computer works fine. My laptop shows the extra display, but I only see a black screen on the classroom screen.

* EBII 1010 Podium monitor won't turn on.,ybarton,active

The monitor for the podium computer in EBII won't turn on.

* EBII 1025 Replace lights,klott

Lighting panel 5 in EBII 1025 will need to be replaced soon.

* LMP 200 update Firefox

The computers in LMP 200 will need Firefox to be updated over the summer.

Desktop,17

* Dr. McLeod's computer won't charge.,mcolon,active

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
Test1 – tests loading a valid file to the system.	Preconditions: Program has started 1. The “File” menu is opened 2. “Load Group” is selected	The group name is “CSC IT”. There are four categories each with tickets: Active tickets: 0 completed	The group name is “CSC IT”. There are four categories each with tickets: Active tickets: 0 completed

	<p>3. Select “test-files/valid_group.txt”</p> <p>4. Check results</p>	<p>*Dr. McLeod Website...</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*Dr. McLeod computer...</p> <p>*Microphone not detected...</p> <p>Web: 5 completed</p> <p>*Dr. McLeod Website</p> <p>Classroom Tech: 10 completed</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*EBII 1025 Lights...</p> <p>*LMP 200 Firefox ...</p> <p>Desktop: 17 completed</p> <p>*Dr. McLeod computer...</p> <p>*Microphone not detected...</p> <p>Web: 5 completed</p> <p>*Dr. McLeod website pages...</p>	<p>*Dr. McLeod Website...</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*Dr. McLeod computer...</p> <p>*Microphone not detected...</p> <p>Web: 5 completed</p> <p>*Dr. McLeod Website</p> <p>Classroom Tech: 10 completed</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*EBII 1025 Lights...</p> <p>*LMP 200 Firefox ...</p> <p>Desktop: 17 completed</p> <p>*Dr. McLeod computer...</p> <p>*Microphone not detected...</p> <p>Web: 5 completed</p> <p>*Dr. McLeod website pages...</p>
Test2 – tests being able to edit the name of a category	<p>Preconditions: testLoadFile completed successfully</p> <p>1. Select the “Web” category</p> <p>2. Select “Edit Category”</p> <p>3. Type in “Website”</p> <p>4. Confirm the edit</p> <p>5. Check results</p>	<p>The group name is “CSC IT”.</p> <p>There are four categories each with tickets:</p> <p>Active tickets: 0 completed</p> <p>*Dr. McLeod Website...</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*Dr. McLeod computer...</p> <p>*Microphone not detected...</p> <p>Website: 5 completed</p> <p>*Dr. McLeod Website...</p> <p>Classroom Tech: 10 completed</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*EBII 1025 Lights...</p> <p>*LMP 200 Firefox ...</p> <p>Desktop: 17 completed</p>	<p>The group name is “CSC IT”.</p> <p>There are four categories each with tickets:</p> <p>Active tickets: 0 completed</p> <p>*Dr. McLeod Website...</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*Dr. McLeod computer...</p> <p>*Microphone not detected...</p> <p>Website: 5 completed</p> <p>*Dr. McLeod Website...</p> <p>Classroom Tech: 10 completed</p> <p>*EBII 1025 Laptop...</p> <p>*EBII 1010 Podium...</p> <p>*EBII 1025 Lights...</p> <p>*LMP 200 Firefox ...</p> <p>Desktop: 17 completed</p>

		<p>*Dr. McLeod computer... *Microphone not detected... Website: 5 completed *Dr. McLeod website pages...</p>	<p>*Dr. McLeod computer... *Microphone not detected... Website: 5 completed *Dr. McLeod website pages...</p>
Test3 – tests being able to create a group without a file	<p>Preconditions: Program has started</p> <ol style="list-style-type: none"> 1. The “File” menu is opened 2. “New Group” is selected 3. Name the new group “New Group” 4. Check results 	<p>The group name is “New Group”. There is only one category, “Active Tickets”, and it is empty.</p>	<p>The group name is “New Group”. There is only one category, “Active Tickets”, and it is empty.</p>
Test4 – tests being able to edit the data of a ticket	<p>Preconditions: testEditCategory completed successfully</p> <ol style="list-style-type: none"> 1. Select the “Classroom Tech” category 2. Select the “EBII 1025 Laptop...” ticket 3. Rename it to “EBIII 1025 Laptop” 4. Change the status to not be active 5. Save the edits 6. Check results 	<p>The group name is “CSC IT”. There are four categories each with tickets:</p> <p>Active tickets: 0 completed *Dr. McLeod Website... *EBII 1010 Podium... *Dr. McLeod computer... *Microphone not detected... Website: 5 completed *Dr. McLeod Website... Classroom Tech: 10 completed *EBIII 1025 Laptop... *EBII 1010 Podium... *EBII 1025 Lights... *LMP 200 Firefox ... Desktop: 17 completed *Dr. McLeod computer... *Microphone not detected...</p>	<p>The group name is “CSC IT”. There are four categories each with tickets:</p> <p>Active tickets: 0 completed *Dr. McLeod Website... *EBII 1025 Laptop... *EBII 1010 Podium... *Dr. McLeod computer... *Microphone not detected... Website: 5 completed *Dr. McLeod Website... Classroom Tech: 10 completed *EBII 1025 Laptop *EBII 1010 Podium... *EBII 1025 Lights... *LMP 200 Firefox ... Desktop: 17 completed *Dr. McLeod computer... *Microphone not detected... Website: 5 completed *Dr. McLeod website pages...</p>
Test5 – tests being able to save a group to a file	<p>Preconditions: testEditTicket completed successfully.</p>	<p>The exported file should have the same contents as group_removed.txt</p>	<p>The exported file has the same contents as group_removed.txt</p>

	<ol style="list-style-type: none">1. Select the “File” menu2. Select to save a file3. Save the file as “test-files/real_group_export.txt”4. Check results		
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