WolfTicket System Test Plan

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Introduction
The System Test Plan provides black box tests that take different paths inside the WolfTicket system. Expected results follow guidelines from the Requirements.

Test Files

group1.txt:

! CSC IT
Web,5
* Dr. McLeod website pages won't update.,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,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.,active
The monitor for the podium computer in EBII won't turn on.
* EBII 1025 Replace lights
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.,active
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.,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.

To run the tests:

1. **Right click on WolfTicketGUI class in the Package Explorer of the Eclipse IDE.**
2. **Select Run As > Java Application**

System Tests

Test ID	Description	Expected Results	Actual Results

Test 1: Load Valid File	Preconditions: None
	
	1. Run WolfTicketGUI
	2. Select **File** -> **Load Group** in the upper right hand of the GUI.
	3. Select test-files/group1.txt
	4. *Check results*
		● WolfTicketGUI loads
		● The current category is the list of "Active Tickets"
		● There are 5 tickets (in order by category name) with the following titles and categories:
		  ○ `EBII 1025 Laptop display won't work`
		    ■ `Classroom Tech`
		  ○ `EBII 1010 Podium monitor won't turn on.`
		    ■ `Classroom Tech`
		  ○ `Dr. McLeod's computer won't charge.`
		    ■ `Desktop`
		  ○ `Microphone not detected through docking station.`
		    ■ `Desktop`
		  ○ `Dr. McLeod website pages won't update.`
		    ■ `Web`
			● WolfTicketGUI loads
			● The current category is the list of "Active Tickets"
			● There are 5 tickets (in order by category name) with the following titles and categories:
			  ○ `EBII 1025 Laptop display won't work`
			    ■ `Classroom Tech`
			  ○ `EBII 1010 Podium monitor won't turn on.`
			    ■ `Classroom Tech`
			  ○ `Dr. McLeod's computer won't charge.`
			    ■ `Desktop`
			  ○ `Microphone not detected through docking station.`
			    ■ `Desktop`
			  ○ `Dr. McLeod website pages won't update.`
			    ■ `Web`

Test 2: Create Group	Preconditions: None 1. Run WolfTicketGUI 2. Select **File** -> **New Group** in the upper right hand of the GUI. 3. Enter: "Group name" in the pop up. 4. Select **OK** 5. *Check results*	• WolfHireGUI loads • There is a new Group listed: "Group name" • Current Category is "Active Tickets" • There are no Tickets • There are no categories	• WolfHireGUI loads • There is a new Group listed: "Group name" • Current Category is "Active Tickets" • There are no Tickets • There are no categories
Test 3: Create Category	Preconditions: Test 2 passed 1. Select **Add Category** 2. Enter: "Category name" in the pop up. 3. Select **OK** 4. *Check results*	• The current category is "Category name" • There are no Tickets	• The current category is "Category name" • There are no Tickets

Test 4: Create a Ticket	Preconditions: Test 2 and Test 3 passed
	
	1. Enter: "Ticket name" for **Ticket Name** in the Ticket box.
	2. Check the **Active** box.
	3. Select **Add/Edit**
	4. *Check results*
		• There is one Ticket with following title and value of "Priority order" in the Category column.
		    ◦ `Ticket name`
		        ▪ `0`
			• There is one Ticket with following title and value of "Priority order" in the Category column.
			    ◦ `Ticket name`
			        ▪ `0`

| Test 5: Filter Tickets by Category | Preconditions: Test 1 passed

1. Select **Desktop** as the Current Category
2. *Check results* | ● There are two tickets listed with the following titles and value of "Priority order" in the Category column.
  ○ `Dr. McLeod's computer won't charge.`
    ■ `0`
  ○ `Microphone not detected through docking station.`
    ■ `1`
● Number of Completed Tickets is 17 | ● There are two tickets listed with the following titles and value of "Priority order" in the Category column.
  ○ `Dr. McLeod's computer won't charge.`
    ■ `0`
  ○ `Microphone not detected through docking station.`
    ■ `1`
● Number of Completed Tickets is 17 |