

# WolfTasks System Test Plan

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## Introduction

This system test plan provides 5 black box tests to verify the functionality of the Wolf Tasks system, specifically, its ability to add, remove, and edit Tasks based on user input within a Notebook.

To run the tests:

1. Right click on TaskManagerGUI class in the Package Explorer.
2. Select Run As > Java Application The TaskManager application will be displayed.

Click on the File button in the top left and choose Load Notebook.

Locate the test file Notebook.txt in the test-files/ folder.

The contents of Notebook.txt are listed below

## Test Files

### **Notebook.txt**

```
!School
# CSC 226,23
* Homework 7
- Review the assignment
- Schedule time to work on the assignment
Don't forget to submit!
* Homework 8
- Review the assignment
- Schedule time to work on the assignment
Don't forget to submit!
* Homework 9
- Review the assignment
- Schedule time to work on the assignment
Don't forget to submit!
* Homework 10
```

- Review the assignment
- Schedule time to work on the assignment

Don't forget to submit!

- \* Go to lecture, recurring, active

Watch lectures associated with HW7 by March 31

```
# Habits, 0
```

- \* Exercise, active, recurring

Exercise every day.

Alternate between cardio and weight training

- \* Floss, recurring, 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: LoadValidFile	Preconditions: <ol style="list-style-type: none"> <li>1. Run TaskManager</li> <li>2. Select the option from the file menu to Load Notebook</li> <li>3. In the FileChooser, select test-files/Notebook.txt</li> <li>4. Check results</li> <li>5. Close GUI</li> </ol>	TaskManager Loads System Populates task Lists and tasks and the current task list is a list of Active Tasks which displays the task list and active task:  CSC 226, Go to lecture Habits, Exercise Habits, Floss  The Name of the Notebook is School	TaskManager Loads as Expected and populates the TaskLists Active Tasks, CSC 226, and habits. The current task list is set to Active Tasks and its contents are:  CSC 226, Go to lecture Habits, Exercise Habits, Floss
Test2: AddTaskList	Preconditions: Test 1 has passed <ol style="list-style-type: none"> <li>1. Click Add Task List</li> <li>2. Input the name "MA 371"</li> </ol>	CurrentTaskList drop down is updated to include "MA 371" in alphabetical order:	The CurrentTaskList drop down is updated and task list "MA

	<ol style="list-style-type: none"> <li>Click Ok</li> <li>Check Results</li> </ol>	<p>Active Tasks CSC 226 Habits MA 371</p> <p>The Number of Completed Tasks is 0 for the MA 371 TaskList.</p>	<p><b>371” is included in alphabetical order:</b></p> <p>Active Tasks CSC 226 Habits MA 371</p> <p>The Number of Completed Tasks is 0 as expected for the MA 371 TaskList.</p>
<p><b>Test3:</b> RemoveCurrentTaskList</p>	<p>Preconditions: Test 1-2 has passed</p> <ol style="list-style-type: none"> <li>Select “CSC 226” as the current task list.</li> <li>Click Remove Task List</li> <li>Click Yes</li> </ol>	<p>CurrentTaskList drop down is updated and remain in alphabetical order:</p> <p>Active Tasks Habits MA 371</p>	<p>CSC 226 TaskList is removed as expected and the CurrentTaskList drop down is updated, remaining in alphabetical order:</p> <p>Active Tasks Habits MA 371</p>
<p><b>Test4:</b> AddTasktoCurrentTaskList</p>	<p>PreConditions: Test 1-3 has passed</p> <ol style="list-style-type: none"> <li>Select “MA 371” as the current task list</li> <li>Enter the task name as “Homework 1”</li> <li>Select Active</li> <li>Enter the description as “take notes”</li> <li>Click Add/Edit button</li> </ol>	<p>Under Active Tasks the following tasks are displayed:</p> <p>Habits, Exercise Habits, Floss MA 371, Homework 1 MA 371, Homework 2</p>	<p>Under Active Tasks these tasks are displayed:</p> <p>Habits, Exercise Habits, Floss MA 371, Homework 1 MA 371, Homework 2</p>

	6. Enter the task name as "Homework 2" 7. Select Active 8. Enter the description as "take notes" 9. Click Add/Edit button 10. Check Results		
Test5: MarkTaskasComplete	PreConditions: Test 1-4 had passed 1. Select "MA 371" as the current taskList 2. Select the task "Homework 1" 3. Click the Complete Task button 4. Check Results	The Active Task List Completed Counter and the MA 371 List Completed Counter are both updated to 1.  Under Active Tasks the following tasks are displayed:  Habits, Exercise Habits, Floss MA 371, Homework 2	Active Task List Completed Counter and the MA 371 TaskList Completed Counter are both incremented by 1.  Under Active Task Lists, the completed task, "Homework 1" is no longer visible, and the following tasks are displayed:  Habits, Exercise Habits, Floss MA 371, Homework 2