

Wolf TASK System Test Plan

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Introduction\

This black box document consists of 2 different sets of tests that were initial written by 2 of the team members.

Wolf task System Test Plan Execution Information

To run the tests:

Right-click on the wolfTaskGUI 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:

```
! School
# CSC 216,35
* Read Project 2 Requirements
Read Project 2 requirements
(https://pages.github.ncsu.edu/engr-csc216-staff/CSC216-SE-Materials/projects/project2/project2-part1.html)
and identify candidate classes and methods.
* Create CRC Cards,active
Identify the key classes and create CRC cards. Note
responsibilities, collaborators, and possible state.
* Transfer CRC Cards to UMLetino
Start creating a UML class diagram from the requirements
* Download design proposal and rational template
See
(https://pages.github.ncsu.edu/engr-csc216-staff/CSC216-SE-Materials/projects/project2/project2-part1.html)
for template link
```

- * Write design proposal and rationale
- Start with UML class diagram description. Incorporate feedback from Project 1.
- * Identify 5 system tests
- Consider 5 major paths through the system when working with notebooks, task lists, and tasks. How would I use the system to keep track of my tasks?
- * Watch lecture video, recurring, active
- Keep up with lecture videos each week
- * Complete exercises, recurring
- Complete exercises by Sunday at 11:45pm each week
- * Complete quizzes, recurring
- Weekly quizzes open Thursdays at 3pm and close Mondays at 11:30am (all times Eastern)
- # 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!
- * Watch lectures, recurring, active
- Watch lectures associated with HW7 by March 31
- # Habits
- * Exercise, active, recurring
- Exercise every day.
- Alternate between cardio and weight training
- * Floss, recurring, active
- Floss when brushing my teeth before bed!

All test files should be located in the test files/ folder.

If you run all tests independently, you can close the GUI between each test. However, the tests are structured so that they may be run in order without shutting down the GUI.

Test ID	Description	Expected Results	Actual Results
Test 1: Create NoteBook (UC-1)	<p>Preconditions:</p> <p>Preconditions: None</p> <p>1.Run WolfTask GUI.</p> <p>2. From the option menu select create a new notebook.(make sure another notebook) is not open.</p> <p>3. Enter notebook name(Summer Activities)</p> <p>4.Click OK</p>	<p>Expected results</p> <p>An empty NoteBook called Summer NoteBook is created.</p>	<p>A Notebook with the name Summer Activities is displayed. The current task list is set to Active Tasks and the number of completed tasks is 0. We are given the option to add, edit, and remove a task list. The list of tasks is empty.</p> <p>On the right, there is a panel that manages a task with options to add, edit, remove, change priority, and clear task information.</p>

Test 2: Load Invalid Notebook (UC-2)	Preconditions: none 1.Run WolfTask GUI. 2.select the option to load notebook from the optio menu 3. In the file chooser select test-files/notebook6.txt 4. Select ok	Expected Results: No notebook or currentList is loaded	The file test-files/notebook6.txt is selected from the file chooser after selecting to load a notebook. No task lists are loaded into the notebook. Nothing has changed within the WolfTasks program.										
Test 3: Add a Task List UC-1	Preconsition. Test 1 must have passed 1.Click Add Task List 2. Enter a null Task List name 3. Click OK 4. Check results 5.Close GUI	Expected Result A pop dialog stating "Invalid name." comes up	A new task list with an empty string for a name was attempted to be created in the Summer Activities notebook but a pop-up dialog with the message "Invalid name." shows up.										
Test 4: Load valid Notebook (UC-2)	Preconditions: none 1.Run WolfTask GUI. 2.select the option to load notebook from the optio menu 3. In the file chooser select test-files/notebook1.txt 4. Select ok	Expected Result <table><tr><td>CSC 216</td><td>Read Project 2 Requirement</td></tr><tr><td>CSC 216</td><td>Create CRC Cards</td></tr><tr><td>CSC 216</td><td>Watch lecture video</td></tr><tr><td>CSC 226</td><td>HomeWork 7</td></tr><tr><td>CSC 226</td><td>Watch lectures</td></tr></table>	CSC 216	Read Project 2 Requirement	CSC 216	Create CRC Cards	CSC 216	Watch lecture video	CSC 226	HomeWork 7	CSC 226	Watch lectures	. WolfTasks loads a valid notebook and 3 task lists are loaded. The Active Task list is set at the current task list. In the list of tasks for the current task list, there are 5 tasks. Tasks in Active Task list is ordered in alphabetical order.
CSC 216	Read Project 2 Requirement												
CSC 216	Create CRC Cards												
CSC 216	Watch lecture video												
CSC 226	HomeWork 7												
CSC 226	Watch lectures												

		The above list is displayed and the current list is the Active Tasks.	<table><tr><td>Task List</td><td>Task Title</td></tr><tr><td>CSC 216</td><td>Create CRC Cards</td></tr><tr><td>CSC 216</td><td>Watch lecture video</td></tr><tr><td>CSC 226</td><td>Watch lecture video</td></tr><tr><td>Habits</td><td>Exercise</td></tr><tr><td>Habits</td><td>Floss</td></tr></table>	Task List	Task Title	CSC 216	Create CRC Cards	CSC 216	Watch lecture video	CSC 226	Watch lecture video	Habits	Exercise	Habits	Floss
Task List	Task Title														
CSC 216	Create CRC Cards														
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Test 5: Add a Task to Current Task CSC 216 in the drop down menu List after a file is loaded UC-9	Precondition:Test 4 Must have passed 1.Change current task list to CSC 216 2.In the tasks section enter the following information. Task name = finishing webAssign 3.Click add /edit 4.Check the result	Expected Result In the CSC 216 task list, there should be a new Task with the task title finishing webAssign with the priority level of 10.	In the CSC 216 task list, a new Task with the name finishing webAssign is added to the bottom of the list with the priority of 10.												

Document Revision History

Date	Author	Change Description
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03/26/2021	Meles Meles	Intial and Final draft, 5 black box system Test written
04/1/2021	Meles Meles	have completed the Black box system test

Test ID	Description	Expected Results	Actual Results
Test 1: Run WolfTasks Helen Solomon	<p>Preconditions: None</p> <p>Run WolfTasksGUI.</p> <p>On the left top corner of the GUI click on file and select New Notebook and Create a Notebook called "Chores"</p> <p>Check results.</p>	<p>WolfTasks GUI should be running.</p> <p>The file menu is at the top-left. The notebook should be displayed with an empty task list and no task lists in the drop-down.</p> <p>The current task list is set to the Active Tasks List.</p> <p>The Task box to the right will have all the information fields empty.</p>	<p>The GUI seems to open as intended. All appropriate system displays also appear as intended. The notebook name is Chores and the currenttask list is An activeTask list. This test is passing.</p>

<p>Test 2: Add a task list</p> <p>Helen Solomon</p>	<p>Preconditions: Test 1</p> <p>Click Add Task List and enter "CSC216" for the name.</p> <p>Check results.</p>	<p>The Current Task List drop down is updated to include the new task list, CSC216, in alphabetical order. CSC216 will be after the Active Tasks List.</p> <p>The current task list is set to the CSC216 task list.</p>	<p>Test one is passing. After adding a new TaskList the current task list is updated to the newly created Task list. In addition in the CurrenttaskList drop-down menu, the list is ordered in alphabetical order as intended. This test is passing.</p>
<p>Test 3: Add a task to a task list</p> <p>Helen Solomon</p>	<p>Preconditions: Test 1 and Test 2</p> <p>Make sure the current task list is the School task list that was created.</p> <p>Click Add/Edit and enter "Project 2" as the name, don't set a state, and leave the description box empty.</p> <p>Check results.</p>	<p>The current task list is still the CSC216 task list.</p> <p>In the CSC216 task list, you will see the only task by the name of "Project 2".</p>	<p>The current task list is still CSC 216 but the Task called Project2 is added to it.</p>
<p>Test 4: Change the state of a task</p> <p>Helen Solomon</p>	<p>Preconditions: Test 1, Test 2, and Test 3</p> <p>Click the task named "Project 2" in the CSC216 task list.</p> <p>Click the active checkbox and click Add/Edit to save the changes made.</p> <p>Check results.</p>	<p>In the CSC216 task list, you will see the only task by the name of "Project 2".</p> <p>In the Active Task List, you will see the "Project 2" task in there as well.</p>	<p>All tests from 1 to 3 have passed. After marking the task Project2 in the taskList CSC 216 the task was instantly added to the ActiveTask list. This test is passing.</p>
<p>Test 5: Remove a task</p> <p>Helen Solomon</p>	<p>Preconditions: Test 1, Test 2, and Test 3</p> <p>Click the task named "Project 2" in the CSC216 task list.</p> <p>Click Remove.</p> <p>Check results.</p>	<p>The CSC216 task list is now empty and so is the Active Task List.</p>	<p>After selecting CSC216 and then selecting Project2 and removing it. It was removed from the TaskList called CSC 216.</p>

Document Revision History

Date	Author	Change Description
03/30/21	Helen Solomon	<ul style="list-style-type: none">• Created document
04/01/21	Helen Solomon	<ul style="list-style-type: none">• Completed writing 5 system tests